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KARL MORELL

December 23, 2010

BY HAND DELIVERY

Ms. Cynthia T. Brown
Chief, Section of Administration
Office of Proceedings
Surface Transportation Board
395 E Street, S.W.
Washington, DC 20423-001

FEE RECEIVED

DEC 2 3 2010

SURFACE TRANSPORTATION BOARD

Re: <u>STB Docket No. AB-6 (Sub-No. 473X), BNSF Railway Company –</u>
Abandonment Exemption – In Rolette and Towner Counties, ND

Dear Ms. Brown:

Enclosures

Attached for filing are the original and ten copies of a Notice of Exemption under 49 C.F.R. § 1152.50. Also attached is a check covering the \$3,600 filing fee.

Please time and date stamp the extra copy of the Notice and return it with our messenger.

If you have any questions, please call me.

Sincerely,

Kail Minell

Office of Proceedings

DEC 2 3 2010

Part of Public Record Karl Morell

FILED

DEC 2 3 2010

SURFACE TRANSPORTATION BOARD

BEFORE THE

SURFACE TRANSPORTATION BOARD STB DOCKET NO. AB-6 (SUB-NO. 473X)

BNSF RAILWAY COMPANY -- ABANDONMENT EXEMPTION --IN ROLETTE AND TOWNER COUNTIES, ND

NOTICE OF EXEMPTION

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SURFACE TRANSPORTATION BOARD

Kristy D. Clark General Attorney **BNSF Railway Company** 2500 Lou Menk Drive, AOB-3 Fort Worth, Texas 76131

Karl Morell Of Counsel Ball Janik LLP 1455 F St., N.W. Suite 225 Washington, D.C. 20005

(202) 638-3307

Attorneys for:

BNSF RAILWAY COMPANY

Dated: December 23, 2010

BEFORE THE

BNSF Railway Company ("BNSF") files this Verified Notice of Exemption pursuant to the class exemption at 49 C.F.R. § 1152.50 to abandon 17.75 miles of rail line located between Bisbee and Rolla, ND, (the "Line").

1. Proposed consummation date.

The proposed consummation date is on or after the effective date of this Notice of Exemption.

2. Certification required by 49 C.F.R. § 1152.50(b).

The required certification is attached hereto as Exhibit A.

- 3. Information required by 49 C.F.R. § 1152.22(a)(1) through (4), (7), and (8), and (e)(4).
 - (a) General.
 - (1) Exact name of applicant.

BNSF Railway Company

(2) Whether applicant is a common carrier by railroad subject to 49 U.S.C. Subtitle IV, Chapter 105.

IV, Chapter 105.º

(3) Relief sought.

BNSF seeks to use the class exemption at 49 C.F.R. § 1152.50 to abandon its 17.75-mile rail line located between Milepost 30.00, north of Bisbee, and Milepost 47.75, at Rolla, in Rolette and Towner Counties, North Dakota. BNSF has not handled any local or overhead traffic on the Line in well over two years.

The Line was embargoed on March 29, 2007, due to soft track conditions and sub-grade issues. Muskrats create ongoing and recurring track maintenance problems for BNSF in this area of the country. The muskrats burrow under BNSF track creating tunnels which fill with water. The tunnels and water create an unstable sub-grade affecting track alignment.

After the Line was embargoed, two bridges on the Line were destroyed by fire. The bridge located at Milepost 40.1 was destroyed when a controlled burn got out of control. The bridge located at Milepost 46.0 was destroyed when a controlled burn handled by the Rolla Fire Department also got out of control.

Since at least 2007, Rolla Cooperative Grain Company ("Rolla Coop") was the only rail customer located on the Line. In 2007, BNSF entered into an agreement with Rolla Coop to transload Rolla Coop's traffic at nearby BNSF stations.

Pursuant to Section 402 of the Department of Transportation and related Agencies

Appropriation Act of 1982 (Pub. L. No. 97-102, 95 Stat. 1442, 1465) (the "Andrews

Amendment"), Burlington Northern Railroad Company ("BN") and its successors in interest,
including BNSF, are prohibited from abandoning in excess of 350 miles of rail line in North

Dakota, a mileage total that has been nearly reached. In ICC Docket No. AB-6 (Sub-No. 318X),

Burlington Northern Railroad Company – Abandonment Exemption – In McKenzie County, ND (not printed), served March 12, 1990, reconsideration denied, (not printed), served November 9 1990, the Board's predecessor, the Interstate Commerce Commission ("ICC") rejected a notice of exemption filed by BN under 49 C.F.R. § 1152.50, on grounds that the ICC was precluded from processing BN's notice by the Andrews Amendment. After BN filed an appeal of the ICC's decision and challenged the Constitutionality of the Andrews Amendment, Congress amended the Andrews Amendment in the Department of Transportation and Related Agencies Appropriations Act of 1992, Pub. L. No. 102-143 § 343, 105 Stat. 917, 948 (1991), removing from the scope of the Andrews Amendment abandonments that qualify for the out-of-service class exemption under 49 C.F.R. § 1152.50.

While BNSF is pursuing this abandonment under the two year out-of-service class exemption pursuant to the Andrews Amendment, the proposed abandonment is nevertheless economically justified as demonstrated below.

Attached are the Verified Statements of Arthur M. Charrow and Scott T. Long to demonstrate that, were it not for the Andrews Amendment, BNSF could have filed an application or petition for exemption economically justifying the abandonment of the Line. In Appendix A, Mr. Charrow explains that prior to the embargo, the Line could not handle cars weighing in excess of 263,000 pounds forcing the grain movements on the Line to move in partially empty cars. Unless the Line were reopened in a manner that would allow the handling of cars weighing 286,000 pounds, the only customer on the Line would have likely transloaded his grain shipments to nearby facilities to take advantage of the more efficient and economical heavy axle load movements. Mr. Charrow estimates that it would cost \$6,500,000 to rehabilitate the Line to

permit movements of 286,000 pound axle loadings on the Line. Based on preliminary data, Mr. Charrow also estimates that the net liquidation value of the Line is \$881,766.

In Appendix B, Mr. Long calculates the revenues and avoidable costs associated with the Line. For the Base Year, Mr. Long uses the last 12 months of operations prior to the embargo ending March 2007. Rolla Coop's traffic has been fairly stable in recent years. Therefore, Mr. Long uses the same revenue and cost figures for the Forecast Year (2008) as he uses for the Base Year. While the Line was operated at a profit during the Base Year any Forecast or Subsidy Year operations would require an estimated subsidy payment of \$5,945,154. BNSF could not justify such an enormous expense given the relatively low traffic volumes on the Line. In fact, the Base Year operating profit barely covers BNSF annual opportunity costs associated with the cost of rehabilitating the Line.

Mr. Long uses actual costs for all items except for Maintenance-of-Way costs. The Board and its predecessor have long recognized the appropriateness of considering normalized maintenance costs in instances of deferred maintenance. See Chicago and North Western Transp. Co. – Abandonment, 366 I.C.C. 373, 377 (1982)("Normalized maintenance is the amount needed for economic and efficient operation over the long term. *** We have, in the past, applied normalized maintenance calculations to actual maintenance figures and found that costs for normalized maintenance when compared to actual maintenance expenditures are indicative of deferred maintenance and are to be given consideration in determining whether or not the public convenience and necessity permit abandonment of a line").

The normalized maintenance costs of \$8,000 per mile being utilized by BNSF are conservative and based on the per-mile maintenance costs accepted by the Board and its predecessor in other abandonment proceedings. For example, the Board and its predecessor

found as reasonable per-mile normalized maintenance costs of \$10,943 in STB Docket No. AB-33 (Sub-No. 156), Union Pacific Railroad Company – Abandonment – In Harris, Fort Bend, Austin, Wharton and Colorado Counties, TX (not printed), served November 8, 2000; \$9,410 in STB Docket No. AB-33 (Sub-No. 261), Union Pacific Railroad Company – Abandonment – In New Madrid, Scott, and Stoddard Counties, MO (not printed), served June 17, 2009; \$6,957 in STB Docket No. AB-564 Camas Prairie Railnet, Inc. – Abandonment – In Lewis, Nez Perce, and Idaho Counties, ID (not printed), served September 13, 2000; \$6,029 in STB Docket No. AB-441 (Sub-No. 2X), SWKR Operating Co. – Abandonment Exemption in Cochise County, AZ (not printed), served February 14, 1997, slip op. at 5 ("We know from extensive experience that \$6,000 per mile/per year is a reasonable figure for maintenance by a Class III railroad.").

(4) Map.

A Map of the Line is attached as Exhibit B.

(7) Name, title, and address of representative of applicant to whom correspondence should be sent.

Karl Morell Ball Janik LLP 1455 F St., N.W., Suite 225 Washington, DC 20005 (202) 638-3307

(8) List of all United States Postal Service ZIP Codes that the line proposed for abandonment traverses.

The Line traverses ZIP Codes 58317, 58363 and 58367.

- (e) Rural and community impact.
- (4) Statement of whether the properties proposed to be abandoned are appropriate for use for other public purposes, including roads and highways, other forms of mass transportation, conservation, energy

¹ The Board made that finding in 1997. Since then, rail line maintenance costs have risen significantly.

production or transmission, or recreation. If the applicant is aware of any restriction on the title to the property, including any reversionary interest, which would affect the transfer of title or the use of property for other than rail purposes, this shall be disclosed.

The right-of-way is likely not needed for public purposes other than a possible trail. Portions of the right-of-way are subject to reversionary interests.

4. The level of labor protection.

The interests or railroad employees who may be adversely affected by the proposed discontinuance will be adequately protected by the labor protective conditions in Oregon Short Line R. Co. – Abandonment – Goshen, 360 I.C.C. 91 (1979).

5. Certification.

Certificates of compliance with the notice requirements of 49 C.F.R. §§ 1152.50(d)(1) and 1105.11 are attached as Exhibit C.

6. Environmental and Historic Reports.

The Environmental Report containing information required by 49 C.F.R. § 1105.7(e) and the Historic Report containing information required by 49 C.F.R. § 1105.8 are attached as Exhibit D. Based on information in the possession of BNSF, the Line does contain some federally granted rights-of-way. Any documentation in BNSF possession will be made available to those requesting it.

Kristy D. Clark General Attorney BNSF Railway Company 2500 Lou Menk Drive, AOB-3 Fort Worth, Texas 76131 Karl Morell

Of Counsel Ball Janik LLP

1455 F St., N.W., Suite 225

Washington, D.C. 20005 (202) 638-3307

Respectfully submitted,

Attorneys for:

BNSF RAILWAY COMPANY

Dated: December 23, 2010

EXHIBIT A

VERIFICATION AND CERTIFICATION THAT RAIL LINE MEETS <u>CRITERIA OF 49 C.F.R. SECTION 1152.50(b)</u>

STATE OF TEXAS)	
)	SS
TARRANT COUNTY)	

I, Susan Odom, being duly sworn depose and state that I am Manager Network Strategies for BNSF Railway Company ("BNSF"), that I am authorized to make this verification, and that I have read the foregoing Notice of Exemption and know the facts asserted therein are true and accurate as stated to the best of my knowledge, information, and belief.

I hereby certify that BNSF has not handled any local traffic to or from a customer over the rail line located between Milepost 30.00, north of Bisbee, and Milepost 47.75, at Rolla, in Rolette and Towner Counties, North Dakota (the "Line") for at least two (2) years prior to the date hereof. The Line is stub-ended and, therefore, not capable of handling overhead traffic. Further, no formal complaint filed by a user of rail service on the Line (or a State or local government entity acting on behalf of such user) regarding cessation of service over the Line either is pending with the Surface Transportation Board or any U.S. District Court or has been decided in favor of a complainant within the two-year period.

The foregoing certification is made on behalf of BNSF by the undersigned after due and careful investigation of the matters herein certified and based on the best of the knowledge, information, and belief of the undersigned.

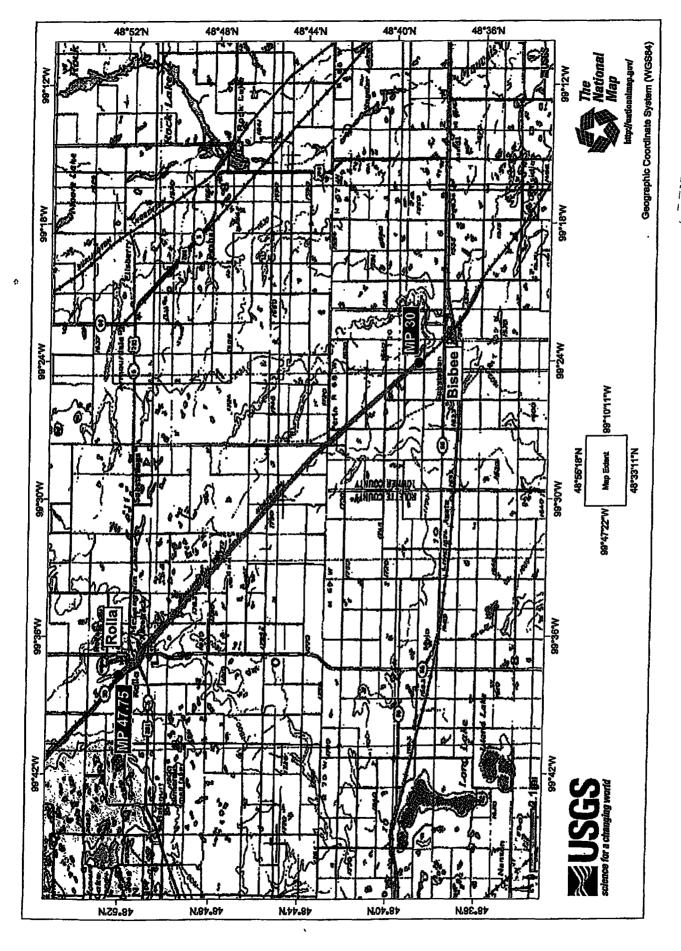
Susan Odom

Manager Network Strategies

SUBSCRIBED AND SWORN TO before me this 2/5 day of December, 2010.

My Commission Expires (1977)

NotaryPublic



CERTIFICATE OF SERVICE

Pursuant to 49 C.F.R. § 1152.50(d)(1), the undersigned hereby certifies that notice of the proposed abandonment in STB Docket No. AB-6 (Sub-No. 473X) was mailed via first class mail on December 10, 2010 to the following parties:

State Public Service Commission

State Single Point of Contact Governor's Office 600 East Boulevard Avenue Department 101 Bismarck, ND 58505-3001

North Dakota Public Service Commission 600 East Boulevard Department 408 Bismarck, ND 58505-0480

Military Traffic Management Command

MTMCTEA ATTN: SDTE-SA (Railroads for National Defense) 709 Ward Drive, Building 1990 Scott AFB, IL 62225-5357

National Park Service

U.S. Department of Interior - National Park Service Recreation Resources Assistance Division 1849 C Street, NW Washington, DC 20240-0001

National Park Service RTCA Program 601 Riverfront Drive Omaha, NE 68102-4226

U.S. Department of Agriculture

U.S. Department of Agriculture Chief of the Forest Service 4th Floor N.W., Yates Building 201 14th Street, S.W. Washington, DC 20250

Dated: December 23, 2010

Karl Morell

CERTIFICATE OF PUBLICATION

The undersigned hereby certifies that notice of the proposed abandonment in STB Docket No. AB-6 (Sub-No. 473X) was published on December 20, 2010 in the Turtle Mountain Star, a newspaper of general circulation in Rolette County, North Dakota and on December 11, 2010 in the Towner County Record-Herald, a newspaper of general circulation in Towner County, North Dakota, as required by 49 C.F.R. § 1105.12.

Dated: December 23, 2010

Karl Morell

CERTIFICATION AND ENVIRONMENTAL REPORT CERTIFICATE OF SERVICE

The undersigned hereby certifies that, in STB Docket No. AB-6 (Sub-No. 473X), the transmittal letter required by 49 C.F.R. § 1105.11 was mailed to all agencies listed in 49 C.F.R § 1105.7(b), via first class mail on December 3, 2010.

Pursuant to the requirements of 49 C.F.R. § 1105.7, the undersigned hereby further certifies that a copy of the Environmental Report in STB Docket No. AB-6 (Sub-No. 473X) was mailed via first call mail on December 3, 2010, to the following parties:

Ms. Victoria Rutson Chief, Section of Environmental Analysis Surface Transportation Board 395 E Street S.W. Washington, DC 20423-0001

U.S. Department of the Interior Bureau of Land Management North Dakota Field Office 99 23rd Avenue West, Suite A Dickinson, ND 58601

Bisbee City Hall Planning Commission 302 Main St. Bisbee, ND 58317

City of Rolla Planning & Zoning Box 1200 Rolla, ND 58367

NOAA National Geodetic Survey VIA E-Mail: NGS.InfoCenter@noaa.gov

North Dakota State Water Commission 900 East Boulevard Avenue Bismarck, ND 58505-0850

U.S. Environmental Protection Agency Region 8 1595 Wynkoop St. Denver, CO 80202-1129 U.S. Fish and Wildlife Service Mountain-Prairie Region 134 Union Blvd. Lakewood, CO 80228

Mr. Ernie Quintana, Regional Director U.S. Department of the Interior National Park Service 601 Riverfront Drive Omaha, NE 68102-4226

North Dakota NRCS State Office Natural Resources Conservation Service 220 East Rosser Avenue Federal Building, Room 270 Bismarck, ND 58501

Rolette County Planning Commission 102 NE 2nd Street Rolla, ND 58367

State Historical Society of North Dakota 612 East Boulevard Ave. Bismarck, ND 58505

Towner County Planning Commission P.O. Box 517 Cando, ND 58324

U.S. Army Corps of Engineers St. Paul District 180 5th St. East Suite 700 St. Paul, MN 55101-1678

North Dakota Department of Transportation ATTN: Rail Planner 608 East Boulevard Avenue Bismarck, ND 58505-0700

)

North Dakota Public Service Commission 600 E. Boulevard, Dept. 408 Bismarck, ND 58505-0480

Dated: December 23, 2010

Karl Morell

HISTORIC REPORT CERTIFICATE OF SERVICE

Pursuant to the requirements of 49 C.F.R. § 1105.8(c), the undersigned hereby certifies that a copy of the Historic Report in STB Docket No. AB-6 (Sub-No. 473X) was mailed via first class mail on December 3, 2010, to the following party:

State Historical Society of North Dakota 612 East Boulevard Ave. Bismarck, ND 58505

Date: December 23, 2010

Karl Morell

BEFORE THE SURFACE TRANSPORTATION BOARD

BNSF RAILWAY COMPANY)			
ABANDONMENT EXEMPTION)	DOCKET NO. AB-6		
IN ROLETTE AND TOWNER COU	INTIES,)	(SUB-NO. 473X)		
NORTH DAKOTA ENVIRONMENTAL REPORT				
BNSF RAILWAY COMPANY				
2650 Lou Menk Drive P.O. Box 96157				
Fort Worth, TX 76161-0057				

Kristy D. Clark

General Attorney
BNSF Railway Company
2500 Lou Menk Drive, AOB-3
Fort Worth, Texas 76131-2828

Service Date: December 3, 2010

ENVIRONMENTAL REPORT (49 C.F.R. § 1105.7)

(1) <u>Proposed Action and Alternatives.</u> Describe the proposed action, including commodities transported, the planned disposition (if any) of any rail line and other structures that may be involved, and any possible changes in current operations or maintenance practices. Also describe any reasonable alternatives to the proposed action. Include a readable, detailed map and drawings clearly delineating the project.

BNSF Railway Company ("BNSF") proposes to abandon the 17.75-mile rail line located between Milepost 30.00, at Bisbee, and Milepost 47.75, at Rolla, in Rolette and Towner counties, North Dakota (the "Line"). A map of the project area is attached as Exhibit A.

BNSF's salvage process as it relates to this project is as follows:

The proposed abandonment will include the removal of the rails, ties, the remnants of two fire damaged bridges and the one remaining bridge. The railroad right-of-way, ballast and culverts will remain in place.

The salvage process begins with the unbolting of the track materials or rails. With the use of specialized machinery placed on the railroad right-of-way, the rails and related steel (angle bars, tie plates, spikes, switches and any other metal parts) are removed. Next the wooden ties are raised from the ballast with a tool designed for minimum disruption of ground material. The ties are separated into three groups as follows: (1) good quality ties that will be re-used in rail service, (2) landscape-quality ties that will be sold to lumber dealers for landscaping and (3) scrap ties. Scrap ties are loaded into railcars and shipped by BNSF to an EPA-approved disposal site.

The culverts, ballast and right-of-way will remain intact so as not to alter the prevailing waterflows along the line. In addition, BNSF salvage contractors are required to limit their activities to the width of the right-of-way and not to place fills or other material in water bodies, including inland waterways. When the salvage process is complete, waterflows in the area should not be disrupted.

Finally, road crossings are removed and remediated, then repaved with gravel, asphalt or concrete, as required by governing authority. Any signals are also dismantled and removed.

BNSF salvage work for abandonments is always performed by experienced rail material salvagers and is generally bid on the open market. Each salvage contract includes detailed information on any environmental or historical conditions imposed by the Office of Environmental Analysis of the Surface Transportation Board ("OEA") in their final decision. Completed work is independently inspected by a BNSF roadmaster (or equal representative) to ensure compliance with BNSF standards of quality and all contractual obligations, including OEA-imposed conditions, if applicable.

The Line has had no local traffic since March 2007. The Line is stub-ended and, therefore, not capable of handling overhead traffic. Because of the lack of traffic on the Line, only very limited maintenance has been performed on the Line for some time. Therefore, the proposed abandonment will have no impact on rail freight operations and maintenance practices on the Line.

The only alternative to abandonment would be to not abandon the Line and forego the opportunity costs from salvaging the Line.

(2) <u>Transportation System</u> Describe the effect of the proposed action on regional or local transportation systems and patterns. Estimate the amount of traffic (passenger or freight) that will be diverted to other transportation systems or modes as a result of the proposed action.

There will be no passenger or freight traffic diverted to other transportation systems as a result of the proposed abandonment. There has been no local or overhead traffic on this line since March, 2007 and the line has been embargoed since that time.

(3) Land Use

(i) Based on consultation with local and/or regional planning agencies and/or review of the official planning documents prepared by such agencies, state whether the proposed action is consistent with existing land use plans. Describe any inconsistencies.

The proposed action is consistent with existing land use plans. BNSF contacted the Bisbee City Hall, Planning Commission, the City of Rolla, Planning & Zoning, the Rolette County, Planning Commission, and the Towner County, Planning Commission.

Kent M. Haugen, Towner County Auditor/Treasurer, replied in an e-mail dated November 19, 2010, stating that he received the information regarding the abandonment and that it would be added to the commission agenda at the next meeting on Tuesday, December 7, 2010. He said he would contact BNSF after the meeting to let BNSF know of any inconsistencies. A copy of the e-mail is attached as Exhibit B. The other agencies have not commented as of the date of this report. Copies of the letters to the other agencies are attached as Exhibit C.

(ii) Based on consultation with the U.S. Soil Conservation Service, state the effect of the proposed action on any prime agriculture land.

BNSF does not believe that the proposed abandonment will have an adverse effect

on prime agriculture land. BNSF sent a letter to the North Dakota NRCS State Office, Natural Resources Conservation Service, dated November 15, 2010, and as of the date of this report we have not received a reply. A copy of the letter is attached as Exhibit D.

(iii) If any action affects land or water uses within a designated coastal zone, include the coastal zone information required by § 1105.9.

Not applicable.

(iv) If the proposed action is an abandonment, state whether or not the right-of-way is suitable for alternative public use under 49 U.S.C. § 10905 and explain why.

The proposed abandonment may be suitable for alternative public use. BNSF contacted the Bisbee City Hall, Planning Commission, the City of Rolla, Planning & Zoning, the Rolette County, Planning Commission, and the Towner County, Planning Commission and as of the date of this report has not received a reply regarding alternative public use of the rail line. Copies of the respective letters are attached as Exhibit C.

(4) Energy

(i) Describe the effect of the proposed action on transportation of energy resources.

The proposed abandonment will have no effect on the transportation of energy resources.

(ii) Describe the effect of the proposed action on recyclable commodities.
The proposed abandonment will not adversely affect the movement or recovery of recyclable commodities.

(iii) State whether the proposed action will result in an increase or decrease in overall energy efficiency and explain why.

The proposed action will not result in an increase or decrease in overall energy efficiency as there has been no traffic on the line for more than two years.

- (iv) If the proposed action will cause diversions from rail to motor carriage of more than:
 - (A) 1,000 rail carloads a year, or
 - (B) an average of 50 rail carloads per mile per year for any part of the affected line, quantify the resulting net change in the energy consumption and show the data and methodology used to arrive at the figure given.

The proposed abandonment will not result in a diversion of rail to motor carriage.

(5) <u>Air</u>

- (i) If the proposed action will result in either:
 - (A) an increase in rail traffic of at least 100 percent (measured in gross ton miles annually) or an increase of at least eight trains a day on any segment of the line affected by the proposal, or
 - (B) an increase in rail yard activity of at least 100 percent (measured by carload activity), or
 - (C) an average increase in truck traffic of more than 10 percent of the average daily traffic or 50 vehicles a day on any affected road segment, quantify the anticipated effect on air emissions.

The proposed action will not result in meeting or exceeding the specified thresholds for increased rail or truck traffic as outlined in (i) (A), (B) or (C) above.

- (ii) If the proposed action affects a class I or nonattainment area under the Clean Air Act, and will result in either:
 - (A) an increase in rail traffic of at least 50 percent (measured in gross ton miles annually) or an increase of at least three trains a day on

any segment of rail line,

- (B) an increase in rail yard activity of at least 20 percent (measured by carload activity), or
- (C) an average increase in truck traffic of more than 10 percent of the average daily traffic or 50 vehicles a day on a given road segment, then state whether any expected increased emissions are within the parameters established by State Implementation Plan. However, for a rail construction under 49 U.S.C. § 10901 (or 49 U.S.C. § 10505) or a case involving the reinstitution of service over a previously abandoned line, only the three train a day threshold in this item shall apply.

The proposed action will not result in meeting or exceeding the specified thresholds in (ii) (A), (B) or (C) above.

(iii) If the transportation of ozone depleting materials (such as nitrogen oxide and Freon) is contemplated, identify: the materials and quantity; the frequency of service; safety practices (including any speed restrictions); the applicant's safety record (to the extent available) on derailments, accidents and spills; contingency plans to deal with accidental spills; and the likelihood of an accidental release of ozone depleting materials in the event of a collision or derailment.

The proposed abandonment will not affect the transportation of ozone depleting materials.

- (6) <u>Noise</u> If any of the thresholds identified in item (5) (i) of this section are surpassed, state whether the proposed action will cause:
 - (i) an incremental increase in noise levels of three decibels Ldn or more; or
 - (ii) an increase to a noise level of 65 decibels Ldn or greater. If so, identify sensitive receptors (e.g. schools, libraries, hospitals, residences, retirement communities and nursing homes) in the project area and quantify the noise increase for these receptors if the thresholds are surpassed.

Not applicable.

(7) Safety

(i) Describe any effects of the proposed action on public health and safety (including vehicle delay time at railroad crossings).

This abandonment should have no adverse effect on health or public safety. There are six (6) private at-grade crossings and twenty (20) public at-grade crossings on the Line.

(ii) If hazardous materials are expected to be transported, identify: the materials and quantity; the frequency of service; whether chemicals are being transported that, if mixed, could react to form more hazardous compounds; safety practices (including any speed restrictions); the applicant's safety record (to the extent available) on derailments, accidents and hazardous spills; the contingency plans to deal with accidental spills, and the likelihood of and accidental release of hazardous materials.

The abandonment will not result in the transportation of hazardous materials.

(iii) If there are any known hazardous waste sites or sites where there have been known hazardous material spills on the right-of-way, identify the location of those sites and the types of hazardous materials involved.

There are no known hazardous waste sites or sites where there have been known hazardous material spills on the right-of-way.

(8) <u>Biological Resources</u>

(i) Based on consultation with the U.S. Fish and Wildlife Service, state whether the proposed action is likely to adversely affect endangered or threatened species or areas designated as a critical habitat, and if so, describe the effects.

BNSF does not believe that the proposed abandonment will have an adverse effect on endangered or threatened species or areas designated as a critical habitat. By letter dated November 15, 2010, BNSF contacted the U.S. Fish and Wildlife

Service, Mountain-Prairie Region, in reference to this proposed abandonment. As of the date of this Environmental Report, the agency has not responded to our inquiry. A copy of the letter is attached as Exhibit E.

(ii) State whether wildlife sanctuaries or refuges, National or State parks or forests will be affected, and describe any effects.

BNSF does not believe that any wildlife sanctuaries or refuges, National or State parks or forests will be adversely affected by the proposed abandonment. By letters dated November 15, 2010, BNSF contacted the U.S. Department of the Interior, Bureau of Land Management (North Dakota Field Office), and the U.S. Department of the Interior, National Park Service in reference to the proposed abandonment. As of the date of this Environmental Report, neither agency has responded to our inquiries. Copies of the letters are attached as Exhibit F.

(9) <u>Water</u>

(i) Based on consultation with State water quality officials, state whether the proposed action is consistent with applicable Federal, State or local water quality standards. Describe any inconsistencies.

By letter dated November 15, 2010, BNSF contacted the U.S. Environmental Protection Agency, Region 8, and as of the date of this report has not responded to our inquiry. A copy of the letter is attached as Exhibit G. By letter dated November 24, 2010, Larry Knudtson, Research Analyst for the North Dakota State Water Commission, provided the following comments: 1) The property is not located in an identified floodplain and it is believed the project will not affect an identified floodplain; 2) It is the responsibility of the project sponsor to ensure that local, state and federal agencies are contacted for any required approvals,

permits, and easements; 3) All waste material associated with the project must be disposed of properly and not placed in identified floodway areas; and 4) No solesource aquifers have been designated in ND. The letter is attached as Exhibit H.

(ii) Based on consultation with the U.S. Army Corps of Engineers, state whether permits under Section 404 of the Clean Water Act (33 U.S.C. § 1344) are required for the proposed action and whether any designated wetlands or 100-year flood plains will be affected. Describe the effects.

BNSF is confident that no designated wetlands or 100-year flood plains will be adversely affected by the proposed abandonment. By letter dated November 15, 2010, BNSF contacted the St. Paul District of the U.S. Army Corps of Engineers in reference to the proposed abandonment. As of the date of this Environmental Report, the Corps has not responded to our inquiry. A copy of the letter is attached as Exhibit I.

(iii) State whether permits under Section 402 of the Clean Water Act (33 U.S.C. § 1342) are required for the proposed action. (Applicants should contact the U.S. Environmental Protection Agency or the state environmental protection or equivalent agency if they are unsure whether such permits are required).

By letter dated November 15, 2010, BNSF contacted the U.S. Environmental Protection Agency, Region 8 regarding this proposed abandonment and as of the date of this report has not responded to our inquiry. A copy of the letter is attached as **Exhibit G**. By letter dated November 24, 2010, Larry Knudtson, Research Analyst for the North Dakota State Water Commission, provided the following comments: 1) The property is not located in an identified floodplain and it is believed the project will not affect an identified floodplain; 2) It is the responsibility of the project sponsor to ensure that local, state and federal agencies

are contacted for any required approvals, permits, and easements; 3) All waste material associated with the project must be disposed of properly and not placed in identified floodway areas; and 4) No sole-source aquifers have been designated in ND. The letter is attached as Exhibit H.

(10) <u>Proposed Mitigation.</u> Describe any actions that are proposed to mitigate adverse environmental impacts, indicating why the proposed mitigation is appropriate.

BNSF does not expect any adverse environmental impact from the proposed abandonment and, therefore, sees no need for any mitigating actions. BNSF will, of course, consult (as required) with any recipients of this Environmental Report regarding appropriate mitigation actions and will comply with those mitigation actions required by the Board.

BEFORE THE SURFACE TRANSPORTATION BOARD

HISTORIC REPORT				
NORTH DAKOTA				
IN ROLETTE AND TOWNER COUNT	IES.)	(SUB-NO. 473X)		
ABANDONMENT EXEMPTION)	DOCKET NO. AB-6		
BNSF RAILWAY COMPANY)			

BNSF RAILWAY COMPANY

2650 Lou Menk Drive P.O. Box 96157 Fort Worth, TX 76161-0057

Kristy D. Clark General Attorney BNSF Railway Company 2500 Lou Menk Drive, AOB-3 Fort Worth, Texas 76131

Service Date: December 3, 2010

HISTORIC REPORT

(49 C.F.R. § 1105.8)

(1) <u>Proposed Action and Alternatives.</u> Describe the proposed action, including commodities transported, the planned disposition (if any) of any rail line and other structures that may be involved, and any possible changes in current operations or maintenance practices. Also describe any reasonable alternatives to the proposed action. Include a readable, detailed map and drawings clearly delineating the project.

BNSF Railway Company ("BNSF") proposes to abandon the 17.75-mile rail line located between Milepost 30.00, at Bisbee, and Milepost 47.75, at Rolla, in Rolette and Towner counties, North Dakota (the "Line").

BNSF's salvage process as it relates to this project is as follows:

The proposed abandonment will include the removal of the rails, ties, the remnants of two fire damaged bridges and the one remaining bridge. The railroad right-of-way, ballast and culverts will remain in place.

The salvage process begins with the unbolting of the track materials or rails. With the use of specialized machinery placed on the railroad right-of-way, the rails and related steel (angle bars, tie plates, spikes, switches and any other metal parts) are removed. Next the wooden ties are raised from the ballast with a tool designed for minimum disruption of ground material. The ties are separated into three groups as follows: (1) good quality ties that will be re-used in rail service, (2) landscape-quality ties that will be sold to lumber dealers for landscaping and (3) scrap ties. Scrap ties are loaded into railcars and shipped by BNSF to an EPA-approved disposal site.

The culverts, ballast and right-of-way will remain intact so as not to alter the prevailing waterflows along the line. In addition, BNSF salvage contractors are required to limit their activities to the width of the right-of-way and not to place fills or other material in water bodies, including inland waterways. When the salvage process is complete, waterflows in the area should not be disrupted.

Finally, road crossings are removed and remediated, then repaved with gravel, asphalt or concrete, as required by governing authority. Any signals are also dismantled and removed.

BNSF salvage work for abandonments is always performed by experienced rail material salvagers and is generally bid on the open market. Each salvage contract includes detailed information on any environmental or historical conditions imposed by the Office of Environmental Analysis of the Surface Transportation Board ("OEA") in their final decision. Completed work is independently inspected by a BNSF roadmaster (or equal representative) to ensure compliance with BNSF standards of quality and all contractual obligations, including OEA-imposed conditions, if applicable.

The Line has had no local traffic since March 2007. The Line is stub-ended and, therefore, not capable of handling overhead traffic. Because of the lack of traffic on the Line, only very limited maintenance has been performed on the Line for some time. Therefore, the proposed abandonment will have no impact on rail freight operations and maintenance practices on the Line.

The only alternative to abandonment would be to not abandon the Line and forego the opportunity costs from salvaging the Line.

HISTORIC REPORT

1. A U.S.G.S. topographic map (or an alternate map drawn to scale and sufficiently detailed to show buildings and other structures in the vicinity of the proposed action) showing the location of the proposed action, and the locations and approximate dimensions of railroad structures that are 50 years old or older and are part of the proposed action.

The required topographic map is attached to this Report as Exhibit A.

2. A written description of the right-of-way (including approximate widths, to the extent known), and the topography and urban and/or rural characteristics of the surrounding area

The subject Line extends approximately 17.75 miles between Milepost 30.00, at Bisbee, and Milepost 47.75, at Rolla, in Rolette and Towner counties, North Dakota. The average width of the right-of-way is generally 100 feet, 50 feet on each side of the centerline of the Line. The width increases on some segments to 200 feet, 100 feet on each side of the centerline and then changes back to 100 feet wide. Station grounds are 300 feet wide, 100 feet on one side and 200 feet on the other. There are federally granted rights of way involved.

3. Good quality photographs (actual photographic prints, not photocopies) of railroad structures on the property that are 50 years old or older and of the immediately surrounding area.

There are three bridges on the Line, two of which have severe fire damage. The two bridges were destroyed on separate occasions by controlled burns of non-BNSF personnel. The two destroyed bridges are less than 50 years old. The one remaining bridge is 50 years old or older. See Exhibit J, attached photographs.

4. The date(s) of construction of the structure(s), and the date(s) and extent of any major alterations, to the extent such information is known.

There are three bridges on the Line, two of which have severe fire damage caused by controlled burns of non-BNSF personnel. The one remaining bridge is 50 years or older. The location and description of that bridge is as follows: Mile Post 35.8 – 69 foot open deck timber trestle, built in 1947. See Exhibit J, attached photographs.

5. A brief narrative history of carrier operations in the area, and an explanation of what, if any, changes are contemplated as a result of the proposed action.

On May 23, 1879, The Saint Paul, Minneapolis and Manitoba Railway Company ("SPMM") was incorporated by Special Act of Minnesota Legislature. On November 1, 1907, SPMM sold the Line to the Great Northern Railway Company ("GN"). In 1970, GN merged with Northern Pacific Railway Company, Pacific Coast Railroad Company and Chicago, Burlington & Quincy Railroad Company to become Burlington Northern Inc. The latter changed its name to Burlington Northern Railroad Company ("BNRR") in 1981. BNRR merged with The Atchison, Topeka and Santa Fe Railway Company in 1996 to become The Burlington Northern and Santa Fe Railway Company, which name was changed to BNSF Railway Company in 2005.

6. A brief summary of documents in the carrier's possession, such as engineering drawings, that might be useful in documenting a structure that is found to be historic.

Documents in BNSF's possession concerning this abandonment may include alignment maps showing the right-of-way and/or station maps. These documents are too large for practical reproduction in this report, but can be furnished upon request, if they are available.

7. An opinion (based on readily available information in the railroad's possession) as to whether the site and/or structures meet the criteria for listing on the National Register of Historic Places (36 CFR 60.4), and whether there is a likelihood of archeological resources or any other previously unknown historic properties in the project area, and the basis for these opinions (including any consultations with the State Historic Preservation Office, local historical societies or universities).

BNSF contacted the State Historical Society of North Dakota ("SHPO") in reference to the proposed abandonment. By letter dated November 23, 2010, Merlan E. Paaverud, Jr., State Historic Preservation Officer (North Dakota) stated, "We do not know of any structures eligible for listing in the National Register of Historic Places along this segment." The letter is attached as Exhibit K.

8. A description (based on readily available information in the railroad's possession) of any known prior subsurface ground disturbance or fill, environmental conditions (naturally occurring or manmade) that might affect the archeological recovery of resources (such as swampy conditions or the presence of toxic wastes), and the surrounding terrain.

The Line was disturbed during original construction by cuts and fill and any archaeological resources that may have been located in the proposed project area would have been affected at that time. Our records do not indicate any environmental conditions that might affect the archaeological recovery of resources.

9. Within 30 days of receipt of the historic report, the State Historic Preservation Officer may request the following additional information regarding specific non railroad owned properties or groups of properties immediately adjacent to the railroad right-of-way: photographs of specified properties that can be readily seen from the railroad right-of-way (or other public rights-of-way adjacent to the property) and a written description of any previously discovered archeological sites, identifying the location and type of the site (i.e. prehistoric or native American).

If any additional information is requested, BNSF will promptly supply the necessary information.

CERTIFICATE OF SERVICE ENVIRONMENTAL AND HISTORIC REPORTS

The undersigned hereby certifies that a copy of the foregoing Environmental and/or Historic Reports in STB Docket No. AB-6 (Sub-No. 473X) for the Bisbee to Rolla rail line in Rolette and Towner Counties, North Dakota was served by first class mail on the 3rd day of December, 2010 on the following:

Ms. Victoria Rutson Chief, Section of Environmental Analysis Surface Transportation Board 395 B Street S.W. Washington, DC 20423-0001

U.S. Department of the Interior Bureau of Land Management North Dakota Field Office 99 23rd Avenue West, Suite A Dickinson, ND 58601

Bisbee City Hall Planning Commission 302 Main St. Bisbee, ND 58317

City of Rolla Planning & Zoning Box 1200 Rolla, ND 58367

NOAA
National Geodetic Survey
VIA E-Mail: NGS.InfoCenter@noaa.gov

North Dakota State Water Commission 900 East Boulevard Avenue Bismarck, ND 58505-0850

U.S. Environmental Protection Agency Region 8 1595 Wynkoop St. Denver, CO 80202-1129

U.S. Fish and Wildlife Service Mountain-Prairie Region 134 Union Blvd. Lakewood, CO 80228 Mr. Ernie Quintana, Regional Director U.S. Department of the Interior National Park Service 601 Riverfront Drive Omaha, NE 68102-4226

North Dakota NRCS State Office Natural Resources Conservation Service 220 East Rosser Avenue Federal Building, Room 270 Bismarck, ND 58501

Rolette County Planning Commission 102 NE 2nd Street Rolla, ND 58367

State Historical Society of North Dakota 612 East Boulevard Ave. Bismarck, ND 58505

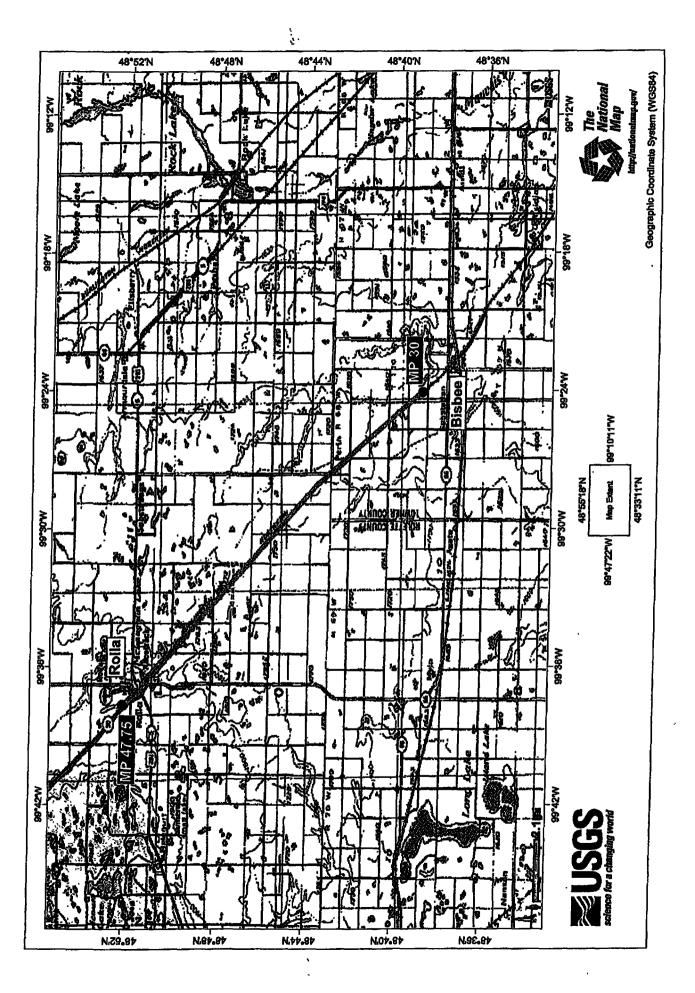
Towner County
Planning Commission
P.O. Box 517
Cando, ND 58324

U.S. Army Corps of Engineers St. Paul District 180 5th St. East Suite 700 St. Paul, MN 55101-1678

North Dakota Department of Transportation ATTN: Rail Planner 608 East Boulevard Avenue Bismarck, ND 58505-0700

North Dakota Public Service Commission 600 E. Boulevard, Dept. 408 Bismarck, ND 58505-0480 Dated this 3rdday of December, 2010

Kristy D/Clark



В

Sims, John A

From: Kent Haugen [kmhaugen@nd.gov]
Sent: Friday, November 19, 2010 4:46 PM

To: Sims, John A

Subject: Rail Line Abandonment

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company-

Abandonment Exemption - in Rolette and Towner Countles, North Dakota

Received the information concerning the rail line abandonment of 17.75 miles in Rolette and Towner Counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

This will be added to the commission agenda at the next meeting on Tuesday, December 7, 2010. I will contact you after that meeting to let you know of any inconsistencies. Thank you.

Kent M Haugen Towner County Auditor/Treasurer 701-968-4340 kmhaugen@nd.gov

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John A. Sims, CP Perelegei Law Department BNSF Railway Company 2500 Lou Menk Drive - AOB-3 Fort Worth, Texas 76131-2828 tel 617-362-2376 fax 817-362-2397 Email - john.elms@bnsf.com

November 15, 2010

Bisbee City Hall Planning Commission 302 Main St. Bisbee, ND 58317

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company –
Abandonment Exemption – in Rolette and Towner Counties, North Dakota

BNSF Railway Company ("BNSF") anticipates filing in mid-December a Notice of Exemption seeking Surface Transportation Board ("STB") authority in the above-referenced docket to abandon 17.75 miles of rail line in Rolette and Towner counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

As part of the environmental report, BNSF is required to contact you to determine if the proposed abandonment is consistent with existing land use plans. If applicable, please describe any inconsistencies.

Your assessment and comments are respectfully requested. For your reference a map of the subject railroad line is attached. Please provide your response to me at the address above, if at all possible, by December 1, 2010. You may contact me by email or phone with any questions or concerns. Thank you in advance for your time and contribution.

Sincerely,

John A. Sims, CP

Paralegal

Enciosure as stated

cc via email: Kristy Clark - BNSF - kristy.clark@bnsf.com

Karl Morell – Ball Janik LLP – <u>kmorell@billp.com</u> Susan Odom – BNSF <u>susan.odom@bnsf.com</u>

Dennis Eytcheson - BNSF - dennis, eytcheson@bnsf.com



John A. Sims, CP Paralegal Law Department BNSF Railway Company 2500 Lou Menk Drive - AOB-3 Fort Worth, Texas 76131-2828 tel 817-352-2376 fax 817-352-2397 Email - john.sims@bnsf.com

November 15, 2010 ·

City of Rolla Planning & Zoning Box 1200 Rolla, ND 58367

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company –
Abandonment Exemption – In Rolette and Towner Counties, North Dakota

BNSF Railway Company ("BNSF") anticipates filing in mid-December a Notice of Exemption seeking Surface Transportation Board ("STB") authority in the above-referenced docket to abandon 17.75 miles of rail line in Rolette and Towner counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

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Sincerely.

&ohn A. Sims, CP

Paralegal

Enclosure as stated

cc via email: Kristy Clark - BNSF - kristy.clark@bnsf.com

Karl Morell - Ball Janik LLP - kmorell@billp.com Susan Odom - BNSF susan.odom@bnsf.com

Dennis Eytcheson - BNSF - dennis.evtcheson@bnsf.com



John A. Sime, CP Parelegal Law Department BNSF Railway Company 2500 Lou Menk Drive – AOB-3 Fort Worth, Texas 76131-2828 lei 817-352-2376 fax 817-352-2397

Email - iohn.sims@brisf.com

November 15, 2010

Rolette County
Planning Commission
102 NE 2nd Street
Rolla, ND 58367

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company – Abandonment Exemption – in Rolette and Towner Counties, North Dakota

BNSF Railway Company ("BNSF") anticipates filing in mid-December a Notice of Exemption seeking Surface Transportation Board ("STB") authority in the above-referenced docket to abandon 17.75 miles of rail line in Rolette and Towner counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

As part of the environmental report, BNSF is required to contact you to determine if the proposed abandonment is consistent with existing land use plans. If applicable, please describe any inconsistencies.

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John A. Sims, CP

Paralegal

Enclosure as stated

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Dennis Eytcheson - BNSF - dennis.eytcheson@bnsf.com

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November 15, 2010

North Dakota NRCS State Office Natural Resources Conservation Service 220 East Rosser Avenue Federal Building, Room 270 Bismarck, ND 58501

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company —
Abandonment Exemption — In Rolette and Towner Counties, North Dakota

BNSF Raliway Company ("BNSF") anticipates filing in mid-December a Notice of Exemption seeking Surface Transportation Board ("STB") authority in the above-referenced docket to abandon 17.75 miles of rall line in Rolette and Towner counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

As part of the requisite environmental report, BNSF needs to know whether or not the proposed abandonment will have any effect on prime agricultural lands. Your assessment and comments are respectfully requested.

For your reference a map of the subject railroad line is attached. Following is information on BNSF's salvage process as it relates to this project that should also be of use:

The referenced proposed abandonment will include the removal of the rails, ties and bridges, however, railroad right of way, ballast and culverts will remain in place.

The salvage process begins with the unbolting of the track materials or rails. With the use of specialized machinery placed on the railroad right of way, the rails and related steel (angle bars, tie plates, spikes, switches and any other metal parts) are removed. Next the wooden ties are raised from among the baliast with a tool designed for minimum disruption of ground material. The ties are separated into three groups as follows: (1) good quality ties that will be reused in rail service, (2) landscape-quality ties that will be re-sold to lumber dealers for landscaping and (3) scrap ties. Scrap ties are loaded into railcars and shipped by BNSF to an EPA-approved disposal site.

The culverts, ballast and right of way will remain intact so as not to alter the prevailing waterflows along the line. In addition, BNSF salvage contractors are required to limit their activities to the width of the right of way and not to place fills or other material in water bodies, including inland waterways. When the salvage process is complete, waterflows in the area should not be disrupted.

Finally, road crossings are removed and remediated, then repaved with gravel, asphalt or concrete, as required by governing authority. Any signals are also dismantled and removed.

BNSF salvage work for abandonments is always performed by experienced rail material salvagers and is generally bid on the open market. Each salvage contract includes detailed information on any environmental or historical conditions imposed by the Office of Environmental Analysis of the Surface Transportation Board in their final decision. Completed work is independently inspected by a BNSF roadmaster (or equal representative) to ensure compliance with BNSF standards of quality and all contractual obligations, including OEA-imposed conditions, if applicable.

Please provide your assessment and comments to me at the address above, if at all possible, by December 1, 2010. You may contact me by email or phone with any questions or concerns.

Thank you in advance for your time and contribution.

Sincerely.

John a. Sims, CP Paralegal

Enclosure as stated

cc vla email: Kristy Clark - BNSF - kristy.clark@bnsf.com

Karl Morell – Ball Janik LLP – <u>kmorell@billp.com</u> Susan Odom – BNSF <u>susan.odom@bnsf.com</u>

Dennis Eytcheson - BNSF - dennis.eytcheson@bnsf.com

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November 15, 2010

U.S. Fish and Wildlife Service Mountain-Prairie Region 134 Union Blvd. Lakewood, CO 80228

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company –
Abandonment Exemption – in Rolette and Towner Counties, North Dakota

BNSF Railway Company ("BNSF") anticipates filing in mid-December a Notice of Exemption seeking Surface Transportation Board ("STB") authority in the above-referenced docket to abandon 17.75 miles of rail line in Rolette and Towner counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

As part of the requisite environmental report, BNSF needs to know: 1) whether or not there are any endangered or threatened species, wildlife sanctuaries or refuges, or areas designated as critical habitat adjacent to or near the line, and 2) if so, what effects the proposed action may have on same.

For your reference i have attached a map of the subject railroad line. Following is information on BNSF's salvage process as it relates to this project that should also be of use:

The referenced proposed abandonment will include the removal of the rails, ties and bridges however, railroad right of way, ballast and culverts will remain in place.

The salvage process begins with the unbolting of the track materials or rails. With the use of specialized machinery placed on the railroad right of way, the rails and related steel (angle bars, the plates, spikes, switches and any other metal parts) are removed. Next the wooden ties are raised from among the ballast with a tool designed for minimum disruption of ground material. The ties are separated into three groups as follows: (1) good quality ties that will be reused in rail service, (2) landscape-quality ties that will be re-sold to lumber dealers for landscaping, and (3) scrap ties. Scrap ties are loaded into railcars and shipped by BNSF to an EPA-approved disposal site.

The bridges, culverts and right of way will remain intact so as not to alter the prevailing waterflows along the line. In addition, BNSF salvage contractors are required to limit their activities to the width of the right of way and not to place fills or other material in water bodies, including inland waterways. When the salvage process is complete, waterflows in the area should not be disrupted.

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Thank you in advance for your time and contribution.

Sincerely.

John A. Sims, CP

Paralegal

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John A. Sims, CP Paralegal Lew Department ENSF Railway Company 2500 Lou Menk Drive – AOB-3 Fort Worth, Texas 76131-2828 tel 817-352-2376 fax 817-352-2397 Email – john.sims@bnsf.com

November 15, 2010

U.S. Department of the Interior Bureau of Land Management North Dakota Field Office 99 23rd Avenue West, Suite A Dickinson, ND 58601

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company – Abandonment Exemption – in Rolette and Towner Counties, ND

BNSF Railway Company ("BNSF") anticipates filing in mid-December a Notice of Exemption seeking Surface Transportation Board ("STB") authority in the above-referenced docket to abandon 17.75 miles of rail line in Rolette and Towner counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

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Paralegal

Enclosure as stated

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Dennis Eytcheson - BNSF - dennis.eytcheson@bnsf.com



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November 15, 2010

Mr. Ernie Quintana, Regional Director U.S. Department of the Interior National Park Service 601 Riverfront Drive Omaha, NE 68102-4226

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company –
Abandonment Exemption – in Rolette and Towner Countles, North Dakota

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As part of the requisite environmental report, BNSF needs to know: 1) whether or not there are any wildlife sanctuaries or National or State parks or forests adjacent to or near the line, and 2) if so, what effects the proposed action may have on same.

For your reference I have attached a map of the subject railroad line. Following is information on BNSF's salvage process as it relates to this project that should also be of use:

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Finally, road crossings are removed and remediated, then repaved with gravel, asphalt or concrete, as required by governing authority. Any signals are also dismantled and removed.

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Please provide your assessment and comments to me at the address above, if at all possible, by December 1, 2010. You may contact me by email or phone with any questions or concerns.

Thank you in advance for your time and contribution.

Sincerely.

John A. Sims, CP

Paralegal

Enclosure as stated

cc via email: Kristy Clark -- BNSF -- kristy.clark@bnsf.com

Karl Morell – Ball Janik LLP – <u>kmorell@billp.com</u> Susan Odom – BNSF susan.odom@bnsf.com

Dennis Eytcheson - BNSF - dennis, eytcheson@bnsf.com

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John A. Sims, CP Parelegal Law Department SNSF Reliway Company 2500 Lou Menk Drive – AOB-3 Fort Worth, Texas 76131-2828 tel 817-352-2376 fax 817-352-2397 Email John.sims@bnsf.com

November 15, 2010

U.S. Environmental Protection Agency Region 8 1595 Wynkoop St. Denver, CO 80202-1129

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company –
Abandonment Exemption – in Rolette and Towner Counties, North Dakota

BNSF Railway Company ("BNSF") anticipates filing in mid-December a Notice of Exemption seeking Surface Transportation Board ("STB") authority in the above-referenced docket to abandon 17.75 miles of rail line in Rolette and Towner counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

As part of the requisite environmental report, BNSF needs to know: 1) whether or not this action will be consistent with Federal, State or local water quality standards, and 2) whether or not Section 402 and/or National Pollutant Discharge Elimination System ("NPDES") permits are required for performance of the salvage activity described below. Please note: BNSF anticipates the proposed abandonment should not disturb more than one (1) acre of land.

For your reference I have attached a map of the subject railroad line. Following is information on BNSF's salvage process as it relates to this project that should also be of use:

The referenced proposed abandonment will include the removal of the rails, ties and bridges however, railroad right of way, ballast and culverts will remain in place.

The salvage process begins with the unbolting of the track materials or rails. With the use of specialized machinery placed on the railroad right of way, the rails and related steel (angle bars, tie plates, spikes, switches and any other metal parts) are removed. Next the wooden ties are raised from among the ballast with a tool designed for minimum disruption of ground material. The ties are separated into three groups as follows: (1) good quality ties that will be reused in rail service, (2) landscape-quality ties that will be re-sold to lumber dealers for landscaping and (3) scrap ties. Scrap ties are loaded into railcars and shipped by BNSF to an EPA-approved disposal site.

The culverts, ballast and right of way will remain intact so as not to alter the prevailing waterflows along the line. In addition, BNSF salvage contractors are required to limit their activities to the width of the right of way and not to place

fills or other material in water bodies, including inland waterways. When the salvage process is complete, waterflows in the area should not be disrupted. Finally, road crossings are removed and remediated, then repaved with gravel, asphalt or concrete, as required by governing authority. Any signals are also dismantled and removed.

BNSF salvage work for abandonments is always performed by experienced rail material salvagers and is generally bid on the open market. Each salvage contract includes detailed information on any environmental or historical conditions imposed by the Office of Environmental Analysis of the Surface Transportation Board in their final decision. Completed work is independently inspected by a BNSF roadmaster (or equal representative) to ensure compliance with BNSF standards of quality and all contractual obligations, including OEA-imposed conditions, if applicable.

Please provide your assessment and comments to me at the address above, if at all possible, by December 1, 2010. You may contact me by email or phone with any questions or concerns.

Thank you in advance for your time and contribution.

Sincerely.

John A. Sims, CP

Paralegal

Enclosure as stated

cc via email: Kristy Clark - BNSF - kristy.clark@bnsf.com

Karl Morell – Ball Janik LLP – <u>kmorell@billp.com</u> Susan Odom – BNSF <u>susan.odom@bnsf.com</u>

Dennis Eytcheson - BNSF - dennis.eytcheson@bnsf.com

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North Dakota State Water Commission

900 EAST BOULEVARD AVENUE, DEPT 770 • BISMARCK, NORTH DAKOTA 58505-0850 701-328-2750 • TDD 701-328-2750 • FAX 701-328-3696 • INTERNET: http://swc.nd.gov

November 24, 2010

John Sims
BNSF Railway
2500 Lou Menk Drive AOB – 3
Fort Worth, TX 76131

Dear Mr. Sims:

This is in response to your request for review of environmental impacts associated with the STB Docket No. AB-6(Sub-No. 473X) – BNSF Railway Company – Abandonment Exemption in Rolette and Towner Counties, ND.

The proposed project has been reviewed by State Water Commission staff and the following comments are provided:

- The property is not located in an identified floodplain and it is believed the project will not affect an identified floodplain.
- It is the responsibility of the project sponsor to ensure that local, state and federal agencies are contacted for any required approvals, permits, and easements.
- All waste material associated with the project must be disposed of properly and not placed in identified floodway areas.
- No sole-source aquifers have been designated in ND.

There are no other concerns associated with this project that affect State Water Commission or State Engineer regulatory responsibilities.

Thank you for the opportunity to provide review comments. If you have any questions, please call me at 328-4969.

Sincerely,

Larry Knudtson Research Analyst

LJK:dp/1570

JOHN HOEVEN, GOVERNOR CHAIRMAN TODD SANDO, RE. SECRETARY AND STATE ENGINEER



John A. Sims, CP Paralegal Law Department BNSF Railway Company 2500 Lou Menk Drive -- AOB-3 Fort Worth, Texas 76131-2828 tel 817-352-2378 fax 817-352-2397 Email -- john.sims@bnsl.com

November 15, 2010

U.S. Army Corps of Engineers St. Paul District 180 5th St. East Suite 700 St. Paul, MN 55101-1678

Re: STB Docket No. AB-6 (Sub-No. 473X) BNSF Railway Company – Abandonment Exemption – in Rolette and Towner Counties, North Dakota

BNSF Railway Company ("BNSF") anticipates filing in mid-December a Notice of Exemption seeking Surface Transportation Board ("STB") authority in the above-referenced docket to abandon 17.75 miles of rail line in Rolette and Towner counties, North Dakota, beginning at Mile Post 30.00 north of Bisbee and ending at the end of the line at Mile Post 47.75, in Rolla.

As part of the requisite environmental report, BNSF needs to know: 1) whether or not Section 404 permits will be required for the performance of salvage activity, and 2) if the proposed abandonment will affect any 100-year floodplains or any designated wetlands. Your assessment and comments are respectfully requested. In addition, if it is your determination that floodplains will be affected please furnish, if available, 8½" x 11" black and white maps of each designated floodplain area. Please note: BNSF does not anticipate any potential impacts to waters of the U.S. as a result of the proposed abandonment.

For your reference a map of the subject railroad line is attached. Following is information on BNSF's salvage process as it relates to this project that should also be of use:

The referenced proposed abandonment will include the removal of the rails, ties and bridges however, railroad right of way, ballast and culverts will remain in place.

The salvage process begins with the unbolting of the track materials or rails. With the use of specialized machinery placed on the railroad right of way, the rails and related steel (angle bars, tie plates, spikes, switches and any other metal parts) are removed. Next the wooden ties are raised from among the ballast with a tool designed for minimum disruption of ground material. The ties are separated into three groups as follows: (1) good quality ties that will be reused in rail service, (2) landscape-quality ties that will be re-sold to lumber dealers for landscaping and (3) scrap ties. Scrap ties are loaded into railcars and shipped by BNSF to an EPA-approved disposal site.

The culverts, ballast and right of way will remain intact so as not to alter the prevailing waterflows along the line. In addition, BNSF salvage contractors are required to limit their activities to the width of the right of way and not to place fills or other material in water bodies, including inland waterways. When the salvage process is complete, waterflows in the area should not be disrupted. Finally, road crossings are removed and remediated, then repaved with gravel, asphalt or concrete, as required by governing authority. Any signals are also dismantled and removed.

BNSF salvage work for abandonments is always performed by experienced rail material salvagers and is generally bid on the open market. Each salvage contract includes detailed information on any environmental or historical conditions imposed by the Office of Environmental Analysis of the Surface Transportation Board in their final decision. Completed work is independently inspected by a BNSF roadmaster (or equal representative) to ensure compliance with BNSF standards of quality and all contractual obligations, including OEA-imposed conditions, if applicable.

Please provide your assessment and comments to me at the address above, if at all possible, by December 1, 2010. You may contact me by email or phone with any questions or concerns.

Thank you in advance for your time and contribution.

Sincerely.

John A. Sims, CP

Paralegal

Enclosure as stated

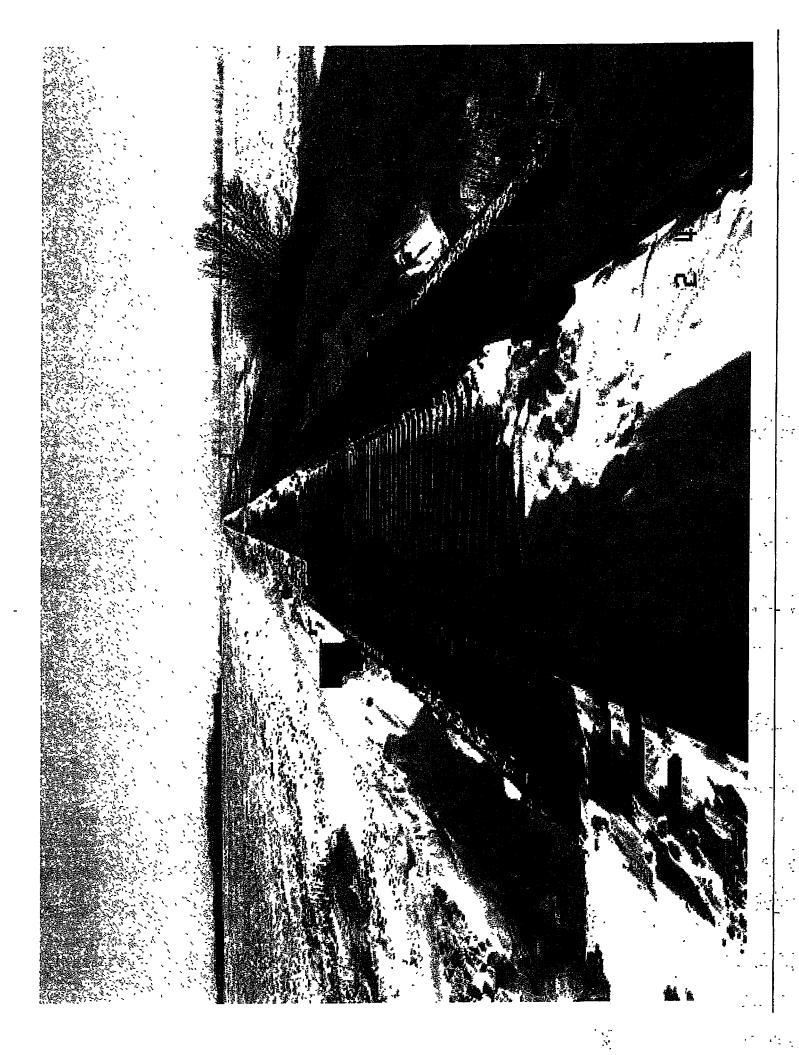
cc via email: Kristy Clark - BNSF - kristy.clark@bnsf.com

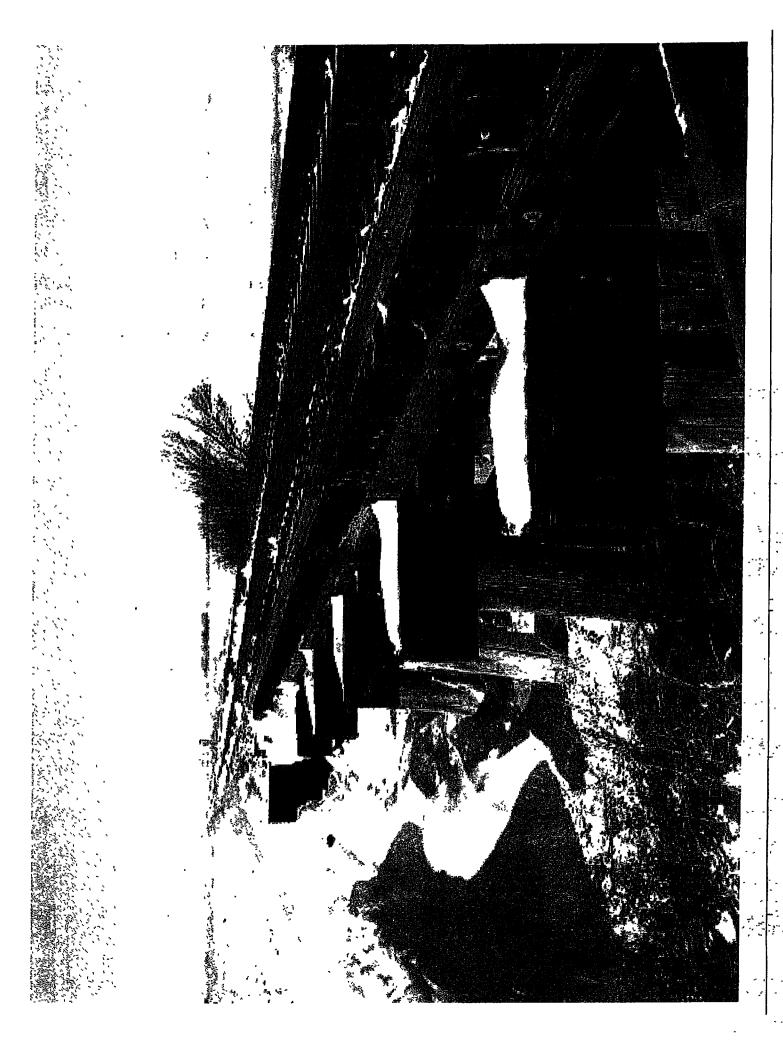
Karl Morell -- Ball Janik LLP -- kmorell@billp.com Susan Odom -- BNSF susan.odom@bnsf.com

Dennis Eytcheson - BNSF - dennis.evtcheson@bnsf.com

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John Hoeven Governor of North Dakota

November 23, 2010

North Dakota State Historical Board

Mr. John A Sims CP BNSF Railway Company 2500 Lou Menk Drive - AOB-3 Fort Worth TX 76131-2828

Chester E. Nelson, Jr. Bismarck - President

Gereld Gerntholz Valley City - Vice President

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Mark A. Zimmermen Director Parks and Recreation Department

> Francis Ziegler Director Department of Transportation

Merlan E. Paaverud, Jr.

ND SHPO Ref.:11-0275 STB Docket No. AB-6 (Sub No. 473X) BNSF Railway Company Abandonment Exemption 17.75 miles from Mile Post 30.0 north of Bisbee and ending at the end of the line at Mile Post 47.75 in Rolla, Rolette and Towner Counties, North Dakota

Dear Mr. Sims,

We received ND SHPO Ref.:11-0275 STB Docket No. AB-6 (Sub No. 473X) BNSF Railway Company Abandonment Exemption 17.75 miles from Mile Post 30.0 north of Bisbee and ending at the end of the line at Mile Post 47.75 in Rolla, Rolette and Towner Counties, North Dakota. We do not know of any structures eligible for listing in the National Register of Historic Places along this segment. I'm enclosing a historic form update that may be useful in your historic report.

Thank you for the opportunity to review this action to date. We look forward to review of the historic report on this action. Please include the ND SHPO Reference number listed above in further correspondence for this specific project. If you have any questions please contact Susan Quinnell at (701) 328-3576, or squinnell@nd.gov

Sincerely,

Merlan E. Paaverud, Jr.

State Historic Preservation Officer

-(North Dakota)

and

Director, State Historical Society of North Dakota

Accredited by the American Association

UPDATE

NDCRS SITE FORM HISTORICAL ARCHAEOLOGICAL SITES Page 1

	Page 1	SITS# 32 RO 006.
SITE ID SECTION		County, Number
Field Code Field Code Map Quad ST. John Map Quad LTL TWP 6 R LTL TWP R LTL TWP R LTL TWP R SITE DESCRIPTION SECTION	Site Name	/
FEATURE TYPE CM ScatterChimneyDepressionDumpEarthworksFortificationFoundationGraveHearthMachineryQuarry/MineRock ArtTrailWreckOther	CULTURAL MATERIAL Bone Ceramics Charcoal Cloth Faunal Remains Fire Cracked Rock Floral Remains Glass Hide, Hair, Fur Human Remains Masonry Metal Plastic Rubber Shell Wood Other	Site Type 25 Context
Landform 1	m 2 Slope/Exposure	Ecosystem Ecosystem View Degree 4 View Distance 2
Ownership 4 Fieldwork Date 3 Site Condition 0 Collection Additional Information SHSND USE	10/14/08 Ownership Fieldwoon _O_ Test/Probe _O_ Excavation	ork Date Management Recommendation
Soli Association Soli Association CR Type Verified Site		



NDCRS SITE FORM HISTORICAL ARCHAEOLOGICAL SITES Page 1

SITS# 32 Ro 0065 County Number

SITE ID SECTION		
Field Code Sit	e Name Burlington North	+hJVN RR 1. N½ 2. E½
	SEC 8 QQQ QQ SEC 8 QQQ QQ 7	3. 5½ 4. W½ 5. NE¼ 6. SE¼ 7. SW¼ 8. NW¼
SITE DESCRIPTION SECTION		
FEATURE TYPE CM Scatter Chimney Depression Dump Earthworks Fortification Foundation Grave Hearth Machinery Quarry/Mine Rock Art Trail Wreck Other	CULTURAL MATERIAL Bone Ceramics Charcoal Cloth Faunal Remains Fire Cracked Rock Floral Remains Glass Hide, Hair, Fur Human Remains Masonry Metal Plastic Rubber Shell Wood Other	Site Type Context Site Area(m) Cultural Depth Depth Indicator Occupation Date(s) Begin End Basis for Dating CM Density Isolated Find
ENVIRONMENT		
Landform 1 Landform 2 Landform 1 Landform 2 Landform 1 Drainage Syst	Siope/Exposure Siope/Exposure	Ecosystem Ecosystem View Degree View Distance
Distance to Permanent Water Distance to Seasonal Water	m Permanent Water Type _ _m Seasonal Water Type _	
Ownership Fieldwork Date Site Condition Collection _ Additional Information SHSND USE		-
Soil Association Soil Association CR Type Verified Site	Ecozone Ecozone Non-Site ZECF Z TF	Area Significance Area Significance State Registry National Register
onen by T Strait	DATE (.

NDCRS ARCHEOLOGICAL SITE FORM

Descriptive Section

Page 2

FIELD CODE: SITS NO.: 32RO0065

1. ACCESS: Site segment is located along the eastern side of Highway 30, north of Rolla, ND.

2. DESCRIPTION OF SITE:

This linear site consist of an abandoned segment of a Great Northern (GN) railroad branch line originally extending from the GN main line at Churchs Ferry to the branch terminus at St John. The segment within the project area extends north from downtown Rolla to a road junction known locally as the "five-corners", where ND Highway 30 turns north away from the railroad toward a US-Canadian border crossing station. The site consists of the original standard gage railroad grade measuring six feet wide at the top and widening to approximately nine feet at the base. A portion of the railroad grade from Rolla to approximately 3/4 miles north of the city also has tracks and ties still in place. The visibility of the remaining grade (absent rail and ties) varies from barely discernable to highly noticeable, depending on the location. The abandoned railroad grade was previously recorded as part of the Burlington Northern railroad (BN), successor of the GN, and is currently under development as a nature trail (Bluemle 2007).

Historic overview

The townsite of Rolla was platted in 1888 in anticipation of the completion of a GN branch line to the community. The town was founded by the Northwest Land Company, a land development company organized to plat new towns along the GN west of Devils Lake, North Dakota (Hudson 1985:77). The railroad opened the area for settlement and the population of Rolla rapidly expanded, due in part to active promotion by the Northwest Land Company. Two years later, in 1890, Rolla replaced St. John as the Rolette County seat (Wick 1988:229). The founding of Rolla and subsequent shift of county political and economic power led to a lawsuit filed by some citizens of St. John against the Northwest Land Company. The lawsuit claimed Solomon G. Comstock and Almond A. White, owners of the Northwest Land Company, deliberately blighted St. John by establishing Rolla within 12 miles of St. John, promoting settlement of Rolla in preference to St. John, departing from the usual practice of establishing the railroad terminus (i.e., St. John) as the primary trade center, and disrupting St. John by arranging for purchase of land and reorganization of the town (Hudson 1985:132-133). Comstock and White denied any misrepresentation or deliberate effort to adversely affect St. John, but the court disagreed and ordered land in St. John obtained by the Northwest Land Company be deeded back to the plaintiffs.

In 1906, the branch line was extended north into Canada by the Brandon, Saskatchewan and Hudson's Bay Railway (BS&HB), a subsidiary of the GN. It offered service from Brandon, Manitoba to St. John, North Dakota (Storie n.d.), and then south via the GN to main line and the busy markets of the Midwest. The BS&HB line operated from 1906 to 1935 and offered a trade and travel route for many small rural areas and for Canadian goods. The BS&HB, however, had difficulty competing with the Minneapolis, St Paul & Sault St. Marie railroad (Soo Line), a subsidiary of the Canadian Pacific railroad operating in North Dakota and Minnesota. The Great Depression caused the GN to eliminate marginal routes, and the BS&HB line was abandoned in 1936 and the track removed in 1938. The town of St. John further declined after abandonment of the BS&HB (Hidy et al 1988). The line from St. John to Rolla continued in operation until 1982, when it was abandoned by the BN. Sources indicate its use by the GN up to the 1950's for grain and passenger transport (Champagne 2006), though certainly after 1935 the importance of the line greatly decreased.

3. DESCRIPTION OF CULTURAL MATERIALS (Quantify and Identify): none observed.

DATE: 10-30-08

of Items of Cultural Material Observed 0 # Collected 0

4. ARTIFACT REPOSITORY: NA

5. DESCRIPTION OF SUBSURFACE TESTING: NA

RECORDED BY: J. Strait, Ethnoscience, Inc.

NDCRS ARCHEOLOGICAL SITE FORM **Descriptive Section** Page 3

FIELD CODE:

SITS NO.: 32RO0065

DATE: 10-30-08

6. FIELD CONDITIONS (√):

SNOWING RAINING BRIGHT SUN TWILIGHT

7. TECHNIQUE(S) USED TO ESTIMATE SITE AREA ():

TRANSIT TAPE MEASURE PACED VISUAL ESTIMATE√ OTHER (explain): WAS corrected GPS/AllTopo map program

8. RATIONALE FOR SITE BOUNDARY DETERMINATION ():

SURFACE CULTURAL MATERIALS FEATURES √ TOPOGRAPHY CONTINUOUS STRATIGRAPHIC EXPOSURE SUBSURFACE TESTING SYSTEMATIC SUBSURFACE PROBING OTHER (explain):

9. CURRENT USE OF SITE: Abandoned, public trail

10. OWNER'S NAME/ADDRESS: Unk

11. VEGETATION: Mixed tall prairie grasses

12. VEGETATION COVER (% of visual ground): 20%

13. SNOW COVER (% visible): NA

MAN-HOURS SPENT ON SITE: 1

15. PROJECT TITLE: NDDOT Rolla P.I.: Lynelle Peterson

16. REPORT TITLE: HIGHWAY 30: A CULTURAL RESOURCE INVENTORY of PORTIONS of ND STATE HIGHWAY 30 NORTH OF ROLLA TO THE CANADIAN BORDER, ROLETTE COUNTY, NORTH DAKOTA.

AUTHOR: James Strait

17. OTHER PUBLISHED REFERENCES: NA

DESCRIPTION OF COLLECTIONS OBSERVED: NA

19. OWNER-ADDRESS OF COLLECTIONS OBSERVED: NA

20. STATEMENT OF INTEGRITY:

The abandoned rail line retains its integrity of location and association as the original rail bed for the Great Northern rail branch from Rolla to St. John. However, time, modern developments, and removal of the original track has impacted the integrity of feeling, setting, materials, design and workmanship.

21. STATEMENT OF SIGNIFICANCE:

RECORDED BY: J. Strait, Ethnoscience, Inc.

NDCRS ARCHEOLOGICAL SITE FORM Descriptive Section

Page 4

FIÈLD CODE: SITS NO.: 32RO0065

This site was recommended not eligible for inclusion in the National Register of Historic Places (NRHP) by Bluemle (2007). Additional information has come to light regarding this particular segment of rail line. The line is an original portion of the Great Northern Rail line, which played a critical roll in the historical development of the local region, North Dakota and the Western United States as a whole. As the main source of mass transportation during the turn of the 20st Century, the Great Northern Railroad

As a linear site, the Rolla to St. John segment of the Great Northern Railroad is recommended as a non-contributing element to the NRHP eligibility of the Great Northern Railroad. The site is not recommended eligible under Criterion A as it has no physical integrity and is unable to reflect its historic appearance and character. Beyond its loose association with the owners and developers of the Great Northern Railroad, the site is not associated with any notable persons in local history, thus the site is not recommended under Criterion B. The site is not recommended eligible under Criterion C as it has no architectural value and no longer retains integrity of workmanship and design. The site does not have the potential to address pertinent archaeological or historical research questions and is, therefore, not recommended under Criterion D.

22. COMMENTS/REFERENCES:

Bluemle, W. J.

2007 Wakopa Trail Survey: A Class III cultural Resources Inventory in Rolette County, North Dakota. Metcalf Archaeological Consultants, Inc. for Wold Engineers, P.C.

DATE: 10-30-08

Champagne, Duane

2006 Social Change and Cultural Continuity Among Native Nations. Rowman Altamira

Hidy, R. W., M. E. Hidy, R. V. Scott and D. L. Hofsommer 1988 The Great Northern Railway: A History. The University of Minnesota Press.

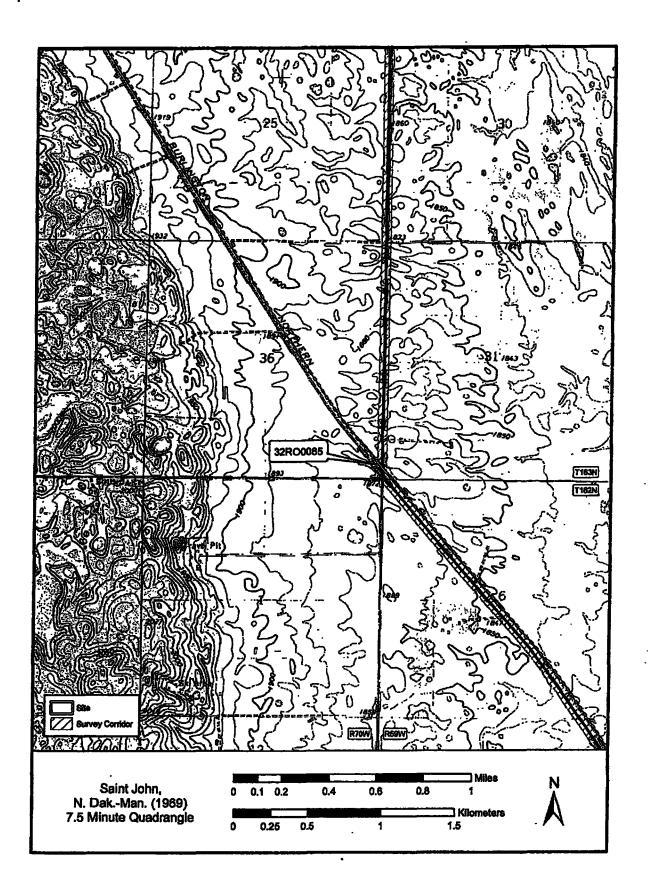
Hudson, J.C.

1985 Plains Country Towns. University of Minnesota Press, Minneapolis.

Storie, K.

n.d. Waiting for Trains: The Great Northern Line E-Document http://216.147.75.89/Trains/GNR/intro.htm

RECORDED BY: J. Strait, Ethnoscience, Inc.





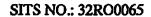
Great Northern/Burlington Northern rail grade still intact, view to the south



Great Northern/Burlington Northern rail grade still intact, view to the north

DATE: 10-30-08

RECORDED BY: J. Strait, Ethnoscience, Inc.





Great Northern/Burlington Northern rail grade bed near 5-corners, view to the south



Great Northern/Burlington Northern rail bed, view to the south

RECORDED BY: J. Strait, Ethnoscience, Inc.

DATE: 10-30-08

VERIFIED STATEMENT OF ARTHUR M. CHARROW

I. Qualifications

My name is Arthur M. Charrow. I have been employed by BNSF Railway Company ("BNSF") since 1975 and currently hold the position of Director-Engineering Planning. My office address is 2600 Lou Menk Drive, OOB-3, Fort Worth, TX, 76131. A copy of my resume is attached.

II. Introduction and Background

The BNSF rail line located between Milepost 30.00, at Bisbee, and Milepost 47.75, at Rolla (the "Line") was embargoed in March 2007 due to poor track conditions and sub-grade issues. Subsequently, two bridges were severely damaged by two separate controlled burns that got out of control. The only remaining customer on the Line in 2007 was Rolla Cooperative Grain Company ("Rolla Grain") that made outbound shipments of grain and received inbound shipments of fertilizer. At the time of the embargo, the Line could not handle cars weighing in excess of 263,000 pounds which is not conducive to shipments of grain. Simply restoring the Line to its preexisting condition would have been a total waste of BNSF resources. Rolla Grain would have been required to only partially load the rail cars producing a higher per bushel cost. There are five nearby BNSF served grain loading facilities that can accommodate heavy axle loads. For example, the shuttle facility at Bisbee, ND delivers significant marketplace efficiencies to local agricultural shippers throughout the region. Unless the line had been upgraded to handle cars weighing 286,000 pounds, Rolla Grain would likely have transloaded its grain shipments to one of these nearby facilities to take advantage of the more efficient and economical heavy axle load movements.

III. Rehabilitation Costs

The following are estimates of the cost of materials and labor required to repair the two bridges and rehabilitate the remainder of Line to permit movements of 286 K cars on the Line:

Activity	Cost of Labor and Material
Tie replacement (approximately 500 per mile)	\$1,000,000
Rail relay of lightweight rail	4,000,000
Additional anchors	200,000
Turnouts	400,000
Miscellaneous repairs	300,000
Reconstruction of two bridges	600,000
Total	\$6,500,000

The above-cited rehabilitation activities would enable the Line to be reopened to meet Rolla Grain's shipping needs. These activities, however, would not permanently address the sub-grade issues along the Line. To permanently address those issues would be extremely expensive. Therefore, even with the rehabilitation of the Line as outlined above, the Line would continue to experience sub-grade issues which would need to be repaired on a periodic basis.

IV. Net Liquidation Value

BNSF's preliminary estimate of the net value of the real estate underlying the Line is \$138,351. The Line consists of approximately 400 acres of which approximately 101 are non-reversionary. In estimating the net value, the gross value was adjusted to account for selling costs, holding costs/gains and a discount factor.

BNSF's preliminary estimate of the net liquidation value of the track and track materials is \$743,415. Total salvage value was reduced by the estimated removal and transportation costs.

Consequently, the net liquidation value of the Line is estimated to be \$881,766.

¹ The Line between Milepost 38 and the end of the line consists of rail that is below 90 pounds/yd, which is considered too light to reliably move 286 K cars over.

Arthur M. Charrow

August 3, 1952, Syracuse, New York

Current Position Director-Engineering Planning, The BNSF Railway, Ft. Worth, TX

Work experience The BNSF/The Atchison, Topeka & Santa Fe Railway Company

10/2006-Present Director-Engineering Planning-Fort Worth
6/2003-10/2006 Director-Tie Planning-Fort Worth
9/1998-6/2003 General Director Maintenance-Seattle

9/1989-8/1998 Division Engineer-Belen, NM 11/1987-9/1989 Division Engineer-La Junta, CO

5/1981-10/1987 Assistant Division Engineer- Amarillo, TX

11/1980-5/1981 Roadmaster-Needles, CA 11/1979-10/1980 Roadmaster-Silsbee, TX

5/1977-10/1979 Assistant Roadmaster-San Bernardino, CA

4/1976-5/1977 Roadway Assistant-Los Angeles

1/1975-4/1976 Chainman/Engineering Aide-San Bernardino Summer 1974 Summer Student Chainman-Winslow, AZ

Summer 1973 Summer Student Chainman-Winslow, Phoenix, AZ

Education The University of Arizona, Tucson, AZ, 1970-1974

Bachelor of Science, Civil Engineering

Graduated with honors, attended on U.S. Air Force ROTC scholarship Attended University of Illinois Short Course, Railroad Civil Engineering,

1979

Military Honorably discharged 1993, Captain, USAF Reserve

Licenses Professional Engineer (Civil) in New Mexico (#11481), Washington State

(#37574), and British Columbia (#133309)

Professional memberships

American Railway Engineering and Maintenance Association

(Committee 24)

Community activities

Member, Hispanic Leadership Council, BNSF Railway

Chairman-Docent Committee, Congregation Beth El, Ft Worth

First Violin-Flower Mound Preparatory Community Orchestra

STATE OF TEXAS)	
)	ss.
TARRANT COUNTY)	

I, Arthur M. Charrow, being duly sworn depose and state that I am Director-Engineering Planning for the BNSF Railway Company ("BNSF"), that I am authorized to make this verification, and that I have read the foregoing document and know the facts asserted therein are true and accurate as stated to the best of my knowledge, information, and belief.

SUBSCRIBED AND SWORN TO before me this 20th day of December, 2010.

My Commission Expires: $9/\delta/14$

VICKIE POPEJOY
Notary Public
STATE OF TEXAS
My Comm. Exp. 09/08/2014

VERIFIED STATEMENT OF SCOTT T. LONG

I. Qualifications

My name is Scott T. Long. I have been employed by BNSF Railway Company ("BNSF") since 1992 and currently hold the position of Senior Manager Regulatory Cost in the Finance Department. My office address is 2500 Lou Menk Drive, Fort Worth, Texas 76131. I hold a Master of Business Administration degree from the University of Georgia. Throughout my career at BNSF, I have worked in various marketing and finance positions.

II. Introduction and Background

The BNSF rail line located between Milepost 30.00, at Bisbee, and Milepost 47.75, at Rolla (the "Line") was embargoed in March 2007 due to soft track conditions and sub-grade issues. While BNSF was in the process of repairing the Line, two bridges were severely damaged by two separate controlled burns that got out of control. Because of the so-called Andrews Amendment, BNSF was precluded from filing an application or petition for exemption to abandon the Line. Even though the Line now qualifies for a notice of exemption under 49 C.F.R. § 1152.50, I am providing the following revenue and cost data to demonstrate that, in December 2007, BNSF could have justified the abandonment of the Line but was precluded from doing so by the so-called Andrews Amendment.

As is demonstrated below and in Exhibit 1, BNSF's continued operation of the Line in 2008 would have result in an operating profit of \$679,617, in the Forecast Year. The operating profit, however, is dwarfed by the total subsidization cost of \$6,521,088. Additionally, as demonstrated in Exhibit 1, BNSF would have incurred an annual opportunity cost of \$103,683

by continuing to operate the Line and the estimated subsidy payment would have been \$5,945,154 in 2008. Thus, continued operation of the Line would have result in a substantial financial burden on BNSF.

Work Papers used to develop the avoidable costs are attached.

III Revenue and Cost Data (Exhibit 1)

Exhibit 1 provides revenue, cost and subsidy data for the Line for the Base Year ending March 31, 2007¹ and the Forecast Year of 2008. I am using the same revenue and cost data for the Forecast Year as I used for the Base Year since applying a percentage adjustment factor would have negligible effect in the ultimate outcome given the significant cost to rehabilitate the Line.

During the Base Year, BNSF generated the following revenues on the Line:

REVENUES

During the Base Year, BNSF generated gross revenues of \$2,101,386 from traffic moving to and from the Line (Line 1). The freight revenues generated by BNSF in the Base Year were all from 634 cars of traffic moving outbound from Rolla and 15 cars of fertilizer moving inbound to Rolla. The Line is stub-ended and, therefore, not capable of handling overhead traffic (Line 2). In the Base Year, BNSF generated \$7,436 in other income, mainly from leases and permits (Line 3). The total revenues generated were \$2,108,822 (Line 4).

¹ Technically, if BNSF had filed an application in November 2007, the Base Year would have ended no earlier than May 2007. See 49 C.F.R. § 1152(c). In order to capture a full year of traffic, BNSF is using the hypothetical base year ending in March 2007.

AVOIDABLE COSTS

Lines 5b through 5j under On-Branch Costs represent the actual on-branch costs incurred by BNSF in operating the Line during the Base Year. BNSF is utilizing normalized maintenance costs for Maintenance-of-Way and Structure ("MOW") costs (Line 5a).

BNSF incurred an estimated \$94,834² in MOW costs on the Line in the Base Year, or approximately \$5,343 per mile. This amount is well below the normalized maintenance levels recognized by the Board and its predecessor necessary to keep the Line in Class 1 standards for the long term. Consequently, BNSF will utilize \$8,000 per mile, or \$142,000 for Maintenance-of-Way and Structure costs (Line 5a) based on normalized maintenance levels necessary to maintain the Line in Class 1 operating conditions.

Maintenance of locomotive costs are derived from the system-wide 2006 average costs incurred by BNSF to maintain each unit in its locomotive fleet on a cost per locomotive unit mile basis ("LUM")(\$1.0913 per LUM) multiplied by the number of LUMs operated over the Line during the Base Year (13,391) ($$1.0913 \times 13,391 = $14,614$). Maintenance of freight car costs are derived from the system-wide 2006 average repair costs for railroad-owned covered hopper cars on a per car mile basis (\$0.0527) multiplied by the total car miles moving over the Line during the Base Year (23,040) ($$0.0527 \times 23,040 = $1,214$). Maintenance-of-Equipment costs (Line 5b) totaled \$15,828 in the Base Year.

Transportation costs (Line 5c) include the actual wages associated with the freight operations on the Line, and locomotive fuel, servicing and inspection costs. During the Base Year, the Line was served by a 3-man crew (engineer, conductor and brakeman) stationed in

² Workpaper ("WP") 1.

³ WP 2.

⁴ WP 2.

Minot, ND. The total wage costs for this 3-man crew were \$734 per start. During the Base Year there were 164 crew starts running between Minot and Rolla. Thus, the total crew wages were \$120,376 during the Base Year. Since the Line comprises 13 percent to the total miles between Minot and Rolla, \$15,649 of the total crew wages are attributable to operations over the Line (\$120,376 x 13% = \$15,649). Fringe Benefits add \$5,331 to crew wages and payroll taxes (railroad retirement, hospital insurance, supplemental annuities, and unemployment insurance) comprise an additional 20 percent, or \$3,130, to the total of salaries and wages. Thus total onbranch crew wages, fringe benefits and payroll taxes totaled \$24,110 during the Base Year. Other transportation costs including locomotive fuel costs and costs associated with servicing locomotives and train inspections are derived by multiplying the average system-wide costs per gross ton mile ("GTM") (\$0.0024) in the Base Year by the total on-branch GTM in the Base Year 6 (1,838,492) for a product of \$4,412. Total transportation costs were \$28,522 during the . Base Year.

BNSF is not attributing any General and Administrative expenses (Line 5d) to the Line during the Base Year. BNSF is also not attributing any Deadheading, Taxi and Hotel expenses (Line 5e) to the Line during the Base Year.

Because the Line is stub-ended, there are no costs associated with overhead movements (Line 5f).

Fright Car Costs (Line 5g) were \$2,145 during the Base Year. Depreciation, rent and lease costs (\$1,468) are based on BNSF's 2006 system-wide depreciation cost per car mile (\$0.0099) and the 2006 system-wide rent and lease cost per car mile (\$0.0538) multiplied by the

⁵ WP 3.

⁶ WP 3-4.

car miles operated over the Line during the Base Year (23,040).⁷ Return on investment cost of \$677 during the Base Year are based on the BNSF system-wide return on investment cost per car mile (\$0.0294) in 2006 multiplied by the car miles operated over the Line during the Base Year.⁸

In the Base Year, BNSF utilized 2 locomotives on the Line. The total locomotive depreciation, rent and lease costs of \$9,916 are based on BNSF's 2006 system-wide depreciation cost per LUM (\$0.2475) and the 2006 system-wide rent and lease cost per LUM (\$0.4930) multiplied by the LUMs in the Base Year (13,391). The return on investment of \$7,198 is based on BNSF's 2006 system-wide net locomotive investment base multiplied by the 2006 railroad industry pre-tax cost of capital (14.55 percent) and allocated to the Line on a LUM basis.

Consequently, the locomotive costs (Line 5h) were \$17,114 during the Base Year. 10

There were no revenue taxes (Line 5i) associated with BNSF's operations over the Line in the Base Year. Property taxes (Line 5j) associated with BNSF's operations over the Line in the Base Year were very minor and extremely difficult at this point in time to calculate.

Avoidable Off-Branch costs for traffic that either originated or terminated on the Line were computed using URCS.¹¹

Line 7 is the total avoidable cost incurred in operating the Line during the Base Year.

The avoidable gain from operating the Line in the Base Year was \$679,617.

⁷ WP 5

⁸ WP 5.

⁹ WP 6.

¹⁰ WP 6

¹¹ WP 9-43

SUBSIDIZATION COSTS

The cost of repairing the two bridges plus the cost of rehabilitating the remainder of the Line to permit movements of 286,000 pound axle loadings on the Line is \$6,500,000 (Line 8).

See Verified Statement of Arthur M. Charrow.

Line 9 shows the administrative costs of \$21,088 BNSF would incur if operations over the Line were subsidized and consist of one percent of the total annual revenues attributable to the Line during the subsidy year. See 49 C.F.R. § 1152.32(k).

BNSF cannot determine at this time the amount required to obtain insurance if operations over the Line were subsidized (Line 10).

Line 11 is the total subsidy costs associated with continued operation of the Line.

Line 12 represents the valuation of the road properties consisting of working capital (On-Branch avoidable costs, less depreciation and return on value divided by 365 and multiplied by 15), income tax consequences (at a combined BNSF tax rate of 37 percent) and net liquidation value.

Line 13 is the nominal rate of return in 2008.

Line 14 is the return on value of \$103,683.

BNSF is not applying a holding gain or loss since steel prices peaked in the middle of 2008 and then precipitously declined by late 2008.

Opportunity costs (Line 16) reflect the economic loss experienced by BNSF from forgoing a more profitable alternative use of the assets associated with the Line. Pursuant to Abandonment Regulations – Costing, 3 I.C.C.2d 340 (1987), the opportunity cost of road property is computed on an investment base equal to the sum of: (1) allowable working capital;

(2) the net liquidation value ("NLV") of the Line; and (3) current income tax benefits (if any) resulting from abandonment.

The net salvage value of the track components of the Line is estimated to be \$743,415. A preliminary BNSF estimate of the net value of the real estate associated with the Line is \$138,351.

Consequently, the Net Liquidation Value of the Line equals \$881,766. See Verified Statement of Arthur M. Charrow.

Line 17 represents the avoidable gain during the Forecast Year without taking into account the rehabilitation costs of reopening the Line.

Line 18 represents the estimated Forecast Year gain without taking into account the rehabilitation costs of reopening the Line.

Line 19 represents the true economic costs to BNSF of operating the Line in the Forecast and Subsidy year.

EXHIBIT 1

BNSF RAILWAY COMPANY Revenue and Cost Data Bisbee to Rolla Rail Line Hypothetical Base Year and Hypothetical Forecast Year

Item	Base Year	Forecast Year
Revenues Attributable to:		•
1. Freight Originated and/or Terminated on Branch	\$2,101,386	\$2,101,386
2. Bridge Traffic	0	0 7 12 6
3. All Other Revenue and Income	7,436	7,436
4. Total Attributable Revenue (sum of lines 1 thru 3)	\$2,108,822	\$2,108,822
Avoidable Costs for:		
5. On-Branch costs:	·	
a Maintenance-of-Way and Structures	\$142,000	\$142,000
b Maintenance-of-Equipment	15,828	15,828
c Transportation	28,522	28,522
d General & Administrative	0	0
e Deadheading, Taxi and Hotel	0	0
f Overhead Movement	0	0
g Freight Car Costs (other than return)	2,145	2,145
h Return on Value - Locomotives	17,114	17,114
i Revenue Taxes		,
j Property Taxes		i
k Total (sum of lines 5(a) thru 5(j)	\$205,609	\$205,609
6. Off-Branch Costs		
Total Off-Branch Costs:	\$1,223,596	\$1,223,596
7. Total Avoidable Costs (sum of lines 5(k) and 6(e)	\$1,429,205	\$1,429,205
Avoidable Gain or (Loss) from Operations (line 4 – line 7)	\$679,617	\$679,617

EXHIBIT 1

BNSF RAILWAY COMPANY Revenue and Cost Data Bisbee to Rolla Rail Line

Item	Base Year	Forecast and Subsidy Year
Subsidization Costs For		
8. Rehabilitation9. Administrative Costs (Subsidy Year only)10. Casualty Reserve Account		\$6,500,000 21,088 0
11. Total Subsidization Cost (subsidy year only)	•	\$6,521,088
 12. Valuation of Road Property a. Working Capital b. Income Tax Consequences c. Net Liquidation Value d. Valuation of Property (sum of lines 12a thru 12c) 		\$7,980 (326,253) 881,766 \$563,493
13. Nominal Rate of Return		0.184
14. Nominal Return on Value (line 12d X line 13)		\$103,683
15. Holding Gain (Loss)		0
16. Total Return on Value - Opportunity Cost		\$103,683
17. Avoidable Gain or (Loss) from Operations		\$679,617
18. Estimated Forecast Year gain (line 4 – lines 7 and 16)	1	\$575,934
19. Estimated Subsidy Payment (line 4 – lines 7, 11 and 1	6)	(\$5,945,154)

STATE OF TEXAS)	
)	ss.
TARRANT COUNTY)	

I, Scott T. Long, being duly sworn depose and state that I am Senior Manager Regulatory Cost for BNSF Railway Company, that I am authorized to make this verification, and that I have read the foregoing document and know the facts asserted therein are true and accurate as stated to the best of my knowledge, information, and belief.

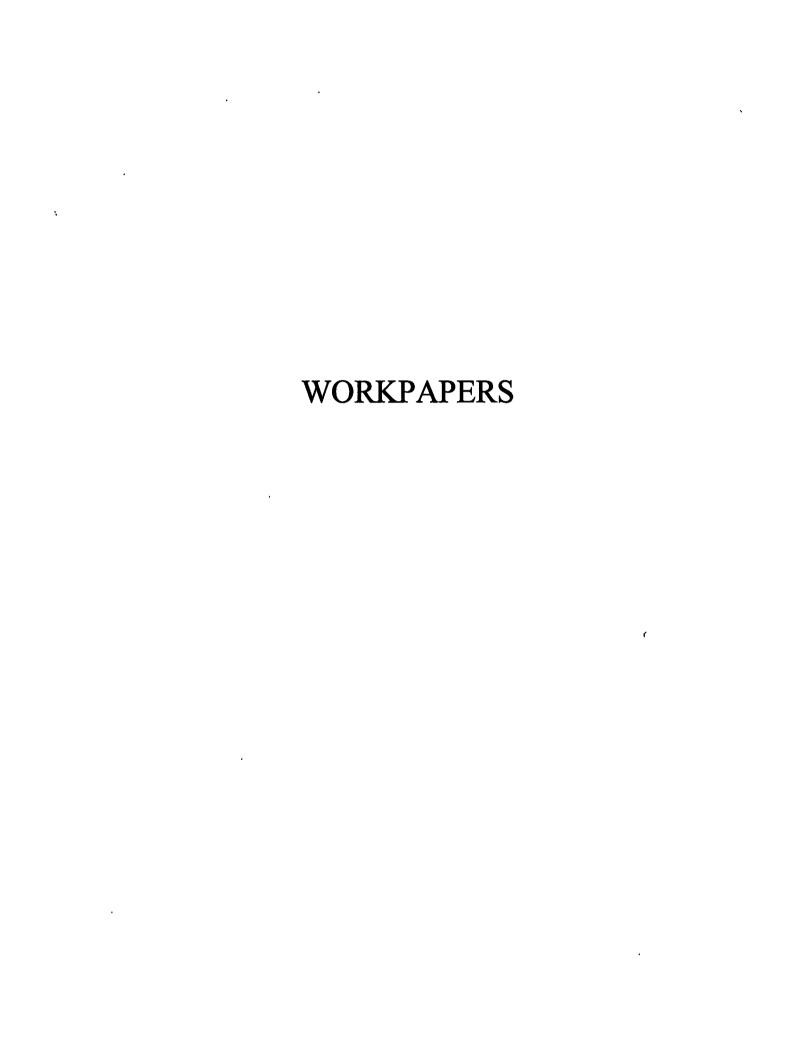
Scott T. Long

SUBSCRIBED AND SWORN TO before me this 20 day of December, 2010.

My Commission Expires: 10-14-2012

Notary Public

JOYCE K. MALMGREN
Notary Public State of Texas
Commission Expires
OCTOBER 14, 2012



On-Branch Avoidable Costs - Maintenance of Way & Structures

1 Maintenance of Way & Structures

Source / Calculation	BNSF data Item 1E on Work tab A x B	C 2008 R-1 Sched 410 Line 151 Col B D/E	2006 R-1 Sched 410 Line 12 Col E 2008 R-1 Sched 410 Line 13 Col E 2006 R-1 Sched 410 Line 14 Col E G + H + J F K x L	C item 2G on Work tab N x P	C+M+Q
Amount	\$59,190	\$59,190	\$140,861,000 0.0169% \$23,806	\$59,190	\$94,834
Item Description	MOW Wages on Rolla Subdivision in Last Operating Year Abandonment % of Rolla Subdivision MOW Wages on Abandonment Line	MOW Wages on Abandonment Line Total Way & Structures - Salaries & Wages Abandonment Line Wages % of Total	Way & Structures - Fringe Benefits - Running Way & Structures - Fringe Benefits - Switching Way & Structures - Fringe Benefits - Other Way & Structures - Fringe Benefits Abandorment Line Wages % of Total Abandorment Line Fringe Benefits	MOW Wages on Abandonnent Line Payroll Tax Percentage of Salaries & Wages Payroll Tax on Abandonment Line	Total Wages, Benefits & Payroll Tax
<u>f</u> e	₹⊞ ∪	Ошг	のエッヤー≥	STQ	œ

On-Branch Avoidable Costs - Maintenance of Equipment

1 Locomotives

Item	Item Description	Amount	Amount Source / Calculation
 ∢	Repair & Maintenance: Salaries & Wages	000:017:00:00	2006 R-1 Sched 410 Line 202 Col B
Ω	Payroll Tax Percentage of Salaries & Wages	20%	Item 2G on Work tab
ပ	Repair & Maintenance: Payroll Tax	\$30,742,000	A×B
۵	Repair & Maintenance: Total	0.0000000000000000000000000000000000000	2006 R-1 Sched 410 Line 202 Col F
Щ	Repairs Billed to Others (Credit)	(863-(64)000)	2006 R-1 Sched 410 Line 216 Col F
ш	Locomotive Repair Cost	\$626,956,000	C+D+E
Ø	Locomotive Unit Miles	574(490)353	2006 R-1 Sched 755 Line 14 Col B
I	Locomotive Repair Cost per LUM	\$1.0913	F/G
7	LUMS in Last Operating Year	13,391	Item 4D on Work tab
¥	Total Locomotive Repair Cost	\$14,614	¬×I

Freight Cars

8

Item	Item Description	Amount	Amount Source / Calculation
¥	Loaded Car Miles: RR-Owned Covered Hoppers		2006 R-1 Sched 755 Line 20 Col B
œ	Empty Car Miles: RR-Owned Covered Hoppers	651,564,000	2006 R-1 Sched 755 Line 36 Col B
ပ	Total Car Miles: RR-Owned Covered Hoppers	1,315,429,000	A+B
۵	Repairs: Covered Hoppers	1- \$69,267,000	2006 R-1 Sched 415 Line 11 Col B
ш	Freight Car Repair Cost per Car Mile	\$0.0527	D/C
ட	Car Miles in Last Operating Year	23,040	Item 5C on Work tab
Ö	Total Freight Car Repair Cost	\$1,214	ExF

Total Maintenance of Equipment

က

\$15,828 1K + 2G

1 Crew Wages + Fringe Benefits + Payroll Tax

Source / Calculation BNSF data BNSF data BNSF data A + B + C BNSF data D x E Item 1D on Work tab F x G H 2006 R-1 Sched 410 Line 419 Col B J / K 2006 R-1 Sched 410 Line 414 Col E L x M H H H	P×Q H+N+H
Amount	\$3,130 \$24,110
Minot to/from Rolla Wages per Start: Engineer Minot to/from Rolla Wages per Start: Engineer Minot to/from Rolla Wages per Start: Engineer Minot to/from Rolla Wages per Start: Brakeman D Total Wages per Start Crew Starts in Last Operating Year Crew Wages between Minot and Rolla Abandonment % of Minot to Rolla Crew Wages on Abandonment Line Total Train Operations - Salaries & Wages Abandonment Line Wages % of Total Train Operations - Fringe Benefits Fringe Benefits on Abandonment Line P Crew Wages on Abandonment Line P Crew Wages on Abandonment Line P Payonil Tax Percentage of Salaries & Wages	R Payroll Tax on Abandonment Line S Total Wages, Benefits & Payroll Tax

Other Transportation Costs: Locomotive Fuel & Servicing, Train Inspection & Lubrication

Item	Item Description	Amount	Source / Calculation
⋖	Locomotive Fuel Cost	\$2,647,084,000	2006 R-1 Sched 410 Line 409 Col F
8	Servicing Locomotives	.000;42/42/000	2006 R-1 Sched 410 Line 411 Col F
ပ	Train Inspection & Lubrication	\$59 623,000	2006 R-1 Sched 410 Line 408 Col F
۵	Other Transportation Costs	\$2,736,452,000	A+B+C
ш	Gross Ton Miles - Total	\$227;640;(28,000°)	2006 R-1 Sched 755 Line 104 Col B
щ	Gross Ton Miles - Road Locomotives	\$ \$ \$ 103,828,631,000	2006 R-1 Sched 755 Line 98 Col B
Ø	GTMs excluding Locomotives	1,123,811,495,000	E-F
I	Other Transportation Costs	\$2,736,452,000	٥
_	GTMs excluding Locomotives	1,123,811,495,000	၅
¥	Other Transportation Costs per GTM	\$0.0024	Г/Н
_	GTMs in Last Operating Year	1,838,492	Item 6D on Work tab
Σ	Total Other Transportation Costs	\$4,412	KxL

On-Branch Avoidable Costs - Freight Car Costs

1 Depreciation, Rents & Leases

Source / Calculation 2006 R-1 Sched 755 Line 20 Col B 2006 R-1 Sched 755 Line 36 Col B A + B	2006 R-1 Sched 415 Line 11 Col C C C C L D / E Item 5C on Work tab F x G	2006 R-1 Sched 415 Line 11 Col F 2006 R-1 Sched 414 Line 6 Col F 2006 R-1 Sched 414 Line 6 Col G 2006 R-1 Sched 414 Line 6 Col C 2006 R-1 Sched 414 Line 6 Col D J + K + L - M - N C C P / Q ltem 5C on Work tab	+ +
Amount 663,965,000-1,315,429,000	1,315,429,000 1,315,429,000 \$0.0099 \$228	\$ (9.000 \$ (9.000 \$ (10.000 \$ (27.4000 1,315,429,000 \$ (27.78,723,040) \$ (12.78,723,040)	\$1,468
Item Description A Loaded Car Miles: RR-Owned Covered Hoppers B Empty Car Miles: RR-Owned Covered Hoppers C Total Car Miles: RR-Owned Covered Hoppers	Depreciation: Covered Hoppers Total Car Miles: RR-Owned Covered Hoppers Depreciation Cost per Car Mile Car Miles in Last Operating Year Total Depreciation Cost	Lease & Rentals (Net): Covered Hoppers Interchange Rents Payable Mileage: Covered Hoppers Interchange Rents Payable Time: Covered Hoppers Interchange Rents Receivable Mileage: Covered Hoppers Interchange Rents Receivable Time: Covered Hoppers Interchange Rents Receivable Time: Covered Hoppers Rent & Lease Cost Total Car Miles: RR-Owned Covered Hoppers Rent & Lease Cost per Car Mile Car Miles in Last Operating Year Total Rent & Lease Cost	Total Depreciation, Rent & Lease Cost
<u>≅</u> ∢ ₪ ∪	ОПГОІ	¬ ¥ ¬ ₹ Z ₽ Q & Q ⊢	⊃

Return on Investment

Amount Source / Calculation	2006 R-1 Sched 415 Line 11 Col G	38(580,000) 2006 R-1 Sched 415 Line 11 Col 1	3266,032,000 A - B	14:55% Item 3J on Work tab	638,707,656 C×D	,315,429,000 1K	\$0.0294 ExF	18 2 23,040 Item 5C on Work tab	\$677 G×H
Item Description	Investment Base: Covered Hoppers	Accumulated Depreciation: Covered Hoppers	Net Investment Base \$2	Railroad Industry Pre-Tax Cost of Capital	Return on Investment Cost	Total Car Miles: RR-Owned Covered Hoppers 1,3	Return on Investment Cost per Car Mile	Car Miles in Last Operating Year	Total Return on Investment Cost

.

Total Freight Car Costs

10+2

\$2,145

On-Branch Avoldable Costs - Locomotive Costs

1 Depreciation, Rents & Leases

Item	Item Description	Amount	Amount Source / Calculation
A	Depreciation	(%:\$442)212;000	2006 R-1 Sched 410 Line 213 Col F
œ	Locomotive Unit Miles	# 2 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3	2006 R-1 Sched 755 Line 14 Col B
ပ	Depreciation Cost per LUM	\$0.2475	A/B
۵	LUMS in Last Operating Year	13,391	Item 4D on Work tab
ш	Total Depreciation Cost	\$3,314	CxD
ш	Lease Rentals - Debit	\$2837/98/000	2006 R-1 Sched 410 Line 207 Col F
. o	Lease Rentals - Credit	000 (663)	2006 R-1 Sched 410 Line 208 Col F
I	Rent & Lease Cost	\$283,203,000	F+G
7	Locomotive Unit Miles	25.57.4.4.00(859)	2006 R-1 Sched 755 Line 14 Col B
¥	Rent & Lease Cost per LUM	\$0.4930	F/1
_	LUMS in Last Operating Year	13,391	Item 4D on Work tab
Σ	Total Rent & Lease Cost	\$6,602	K×L
z	Total Depreciation, Rent & Lease Cost	\$9,916	₩+₩

Return on Investment

Ĕ	Item Description	Amount	Amount Source / Calculation
ł	Investment Base - Owned: Total Locomotives	000 992972 25	2006 R-1 Sched 415 Line 5 Col G
	Investment Base - Capitalized Lease: Total Locomotives	\$1.161,298,000	2006 R-1 Sched 415 Line 5 Col H
	Accumulated Depreciation - Owned: Total Locomotives	28920,565,000	2006 R-1 Sched 415 Line 5 Col I
	Accumulated Depreciation - Capitalized Lease: Total Locomotives	\$343,770,000	2006 R-1 Sched 415 Line 5 Col J
	Net Investment Base	\$2,122,228,000	A+B-C-D
	Railroad Industry Pre-Tax Cost of Capital	14.55%	Item 3J on Work tab
	Return on Investment Cost	\$308,784,174	П×П
	Locomotive Unit Miles	674,490,3539	2006 R-1 Sched 755 Line 14 Col B
	Return on Investment Cost per LUM	\$0.5375	Н/9
	LUMS in Last Operating Year	13,391	Item 4D on Work tab
	Total Return on Investment Cost	\$7,198	Y×7

3 Total Locomotive Costs

\$17,114 1H + 2L

On-Branch Avoidable Costs - Additional Calculations

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Amount Source / Calculation	1743 00 BNSF 6003	47,00 BNSF 6003		13% C/A	38% C/B
Description	linot ND to Rolla ND	hurchs Ferry ND to Rolla ND (Rolla Subdivision)	olia ND to Abandonment Point	bandonment % of Minot to Rolla	bandonment % of Churchs Ferry to Rolla
Item	∢	<u> </u>	ပ	۵	ш.

Payroll Tax Percentage

Amount Source / Calculation	2006 R-1 Sched 450 A Line 5	2006 R-1 Sched 450 A Line 6	2006 R-1 Sched 450 A Line 7	2006 R-1*Sched 450 A Line 8	A+B+C+D	2006 R-1 Sched 410 Line 620 Col B	E/F
Item Description Amount	lailroad Retirement 325000	Hospital Insurance	Supplemental Annuities	Unemployment Insurance	otal Payroli Taxes \$567,914,000	Total Salaries & Wages	yroll Tax Percentage of Salaries & Wages 20%
Item C	A	8	ပ	۵	m L	ш	o L

Railroad Industry Pre-Tax Cost of Capital

Amount Source / Calculation	STB Ex Parte 558 Sub 10	STB Ex Parte 558 Sub 10	A×B	STB assumption in URCS calculation	C/(1-D)		SIB EX Pare 558 Sub 10	STB Ex Parte 558 Sub 10	FxG	H+H
Amount	%603UF 4	7/8 82/6	8.56%	35,00%	13.17%				1.38%	14.55%
Item Description	Cost of Common Equity	Capital Structure: Common Equity %	Weighted Cost: Common Equity	Tax Rate	Pre-Tax Cost of Capital: Common Equity		Cost or Debt	Capital Structure: Debt %	Weighted Cost: Debt	Pre-Tax Cost of Capital
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On-Branch Avoidable Costs - Additional Calculations

4 Locomotive Unit Miles in Last Operating Year

Item Description	Amount	Source / Calculation
rain Count in Last Operating Year		BNSF data
verage Locos per Train in Last Operating Year		BNSF data
I Miles: Rolla ND to Abandonment Point	17.75	5
MS in Last Operating Year	13,391	2×A×B×C

Car Miles in Last Operating Year

m Description Loaded Units in Last Operating Year Rail Miles: Rolla ND to Abandonment Point Car Miles in Last Operating Year	Amount Source / Calculation	Section BNSF data	17.75 1C	23,040 2×A×B
co i	em Description	Loaded Units in Last Operating Year	Rail Miles: Rolla ND to Abandonment Point	Car Miles in Last Operating Year

Gross Ton Miles in Last Operating Year

9

Off-Br	anch Co	Off-Branch Costs - Summary			Forecast Year
				Car Type 1	Car Type 1
				Hopper-	Hopper-
Line	Š	Item	Source/Formula	Covered	Covered
6A-1	RR	Non-ROI Modified Terminal	Workpaper L14	\$43,255	0\$
		Costs			
6A-2	₹	Non-ROI Modified Terminal	Workpaper L26	\$2,505	S S
		Costs			
6A-3	8	Non-ROI Regular Terminal	Workpaper L16	\$34,450	⊗
		Costs			
6A-4	₹	Non-ROI Regular Terminal	Workpaper L28	\$3,709	0\$
		Costs			
6A-5	8	Non-ROI I/C Terminal	Workpaper L19	\$15,614	%
6A-6	₹	Non-ROI I/C Terminal	Workpaper L31	\$1,304	%
6A-7	%	Non-ROI Car Mile Cost	Workpaper L21	\$343,722	%
6A-8	₹	Non-ROI Car Mile Cost	Workpaper L33	\$57,678	9
6-A9	ጽ	Non-ROI Ton Mile Cost	Workpaper L23	\$416,463	\$0
6A-10	₹	Non-ROI Ton Mile Cost	Workpaper L35	\$101,609	\$
6A-11	8	ROI Ton Mile Cost	Workpaper L46	\$6,563	\$
6A-12	₹	ROI Ton Mile Cost	Workpaper L57	\$1,601	%
6A-13		Loss & Damage	Loss & Damage		
6₽		Off-Branch Cost Excluding		\$1,028,473	0\$
		Freight Car ROI			
68-1	æ	RO! Modified Terminal Costs	Worknaper 38	\$46.539	
6B-2	_	ROI Modified Terminal Costs	Workpaper L49	\$42	္အ
6B-3	X.	ROI Regular Terminal Costs	Workpaper L40	\$27,443	S
68-4	≥	ROI Regular Terminal Costs	Workpaper L51	\$95	%
6B-5	쫎	ROI I/C Terminal	Workpaper L42	\$14,830	%
6B-6	₹	ROI I/C Terminal	Workpaper L53	\$40	O\$
6B-7	X	ROI Car Mile Cost	Workpaper L44	\$105,159	\$0
6B-8	δ.	ROI Car Mile Cost	Workpaper L55	\$976	\$0
6B		Off-Branch Freight Car ROI		\$195,123	0\$
		Cost			
Total	Total Off-Branch Cost	th Cost	6A + 6B	\$1,223,596	20

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Off-Br	anch Co	Off-Branch Costs - Workpaper		Base Year	Forecast Year
			!	Car Type 1	
Line	ð	Item	Source/Formula	Hopper-Covered	Hopper-Covered
13	RR	Modified Terminal: Non-ROI	Freight Car Costs - L22O	\$83.34232	\$90.18105
4	8	Total Non-ROI Off-Branch	L13 x Input RR Total	\$43,254.66	\$0.00
		Modified Terminal Costs	Carloads .		
15	X	Normal Terminal: Non-ROI	Freight Car Costs - L23F	\$114.83359	\$124.97197
16	X	Total Non-ROI Off-Branch	L15 x Input RR Local	\$34,450.08	\$0.00
		Normal Terminal Costs	Carloads		
17	%	Carloads Interchanged	Input RR Total Carloads -	219	•
			Input RR Local Carloads		
18	Ж	I/C Terminal: Non-ROI	Freight Car Costs - L24E	\$71.29698	\$77.35212
19	ጁ	Total Non-ROI Off-Branch I/C	L17 x L18	\$15,614.04	\$0.00
		Terminal Costs			
8	ጽ	Cost per Car Mile: Non-ROI	Freight Car Costs - L26G	\$0.73841	\$0.32630
7	K	Total Non-ROI Off-Branch	L20 x Input RR Off-Branch	\$343,721.73	\$0.00
		Car Mile Costs	Car Miles		
23	%	Cost per Gross Ton Mile: Non- Freight Car Costs - L25J	Freight Car Costs - L25J	\$0.00698	\$0.00000
		ROI			
23	쫎	Total Non-ROI Off-Branch	L22 x Input RR Off-Branch	\$416,463.30	\$0.00
		GTM Cost	GTMs		
24	R	Total Non-ROI: Off-Branch	L14 + L16 + L19 + L21 + L23	\$853,503.81	\$0.00
		Costs			
22	≥	Modified Terminal: Non-ROI	Freight Car Costs - L27	\$19.26570	\$21.29550
5 6	<u>₹</u>	Total Non-ROI Off-Branch	L25 x Input PV Total Carloads	\$2,504.54	\$0.00
		Modified Terminal Costs			
27	≥	Normal Terminal: Non-ROI	Freight Car Costs - L28	\$50.11991	\$55.40041
28	≥	Total Non-ROI Off-Branch	L27 x Input PV Local	\$3,708.87	\$0.00
		Normal Terminal Costs	Carloads		
58	≧	Carloads Interchanged	Input PV Total Carloads -	26	1
			Input PV Local Carloads		
ဓ	≥	I/C Terminal: Non-ROI	Freight Car Costs - L29	\$23.29386	\$25.74804
31	₹	Total Non-ROI Off-Branch I/C	L29 x L30	\$1,304.46	\$0.00
		Terminal Costs			
35	₹	Cost per Car Mile: Non-ROI	Freight Car Costs - L30	\$0.50405	\$0.07542
33	δ.	Total Non-ROI Off-Branch	L32 x Input PV Off-Branch	\$57,678.44	\$0.00
		Car Mile Costs	Car Miles		
8	≥	Cost per Gross Ton Mile: Non- Freight Car Costs - L25J	Freight Car Costs - L25J	\$0.00698	\$0.0000
		ROI			
32	₹	Total Non-ROI Off-Branch	L34 x Input PV Off-Branch	\$101,608.77	\$0.00
		GTM Cost	GTMs		
36	ձ	Total Non-ROI: Off-Branch	L26 + L28 + L31 + L33 + L35	\$166,805.08	\$0.00
		Costs			
37	똤	Modified Terminal: ROI	Freight Car Costs - L31C	\$89.67041	\$28.25285

Off-Bi	anch Co	Off-Branch Costs - Workpaper		Base Year	Forecast Year
				Car Type 1	Car Type 1
Line	Ŏ	Item	Source/Formula	Hopper-Covered	Hopper-Covered
88	RR	Total ROI Off-Branch	L37 x Input RR Total	\$46,538.94	\$0.00
		Modified Terminal Costs	Carloads		
89	뽒	Normal Terminal: ROI	Freight Car Costs - L32B	\$91.47636	\$29.48444
4	쫎	Total ROI Off-Branch Normal	L39 x Input RR Local	\$27,442.91	\$0.00
		Terminal Costs	Carloads		
4	쫎	I/C Terminal: ROI	Freight Car Costs - L33B	\$67.71605	\$21.65288
42	K	Total ROI Off-Branch I/C	L17 x L41	\$14,829.81	\$0.00
		Terminal Costs			
5	X	Car Mile Cost: ROi	Freight Car Costs - L35B	\$0.22591	\$0.0000
4	K	Total ROI Off-Branch Car Mile L43 x Input RR Off-Branch	L43 x Input RR Off-Branch	\$105,158.62	\$0.00
		Costs	Car Miles		
5	X	Cost per Gross Ton Mile: ROI	Freight Car Costs - L34D	\$0.00011	\$0.0000
4	%	Total ROI Off-Branch Ton	L45 x Input RR Off-Branch	\$6,563.18	\$0.00
		Mile Costs	GTMs		
47	ጸ	Total ROI: Off-Branch Costs	L38 + L40 + L42 + L44 + L46	\$200,533.46	\$0.00
84	₹	Modified Terminal: ROI	Freight Car Costs - L36	\$0.32061	\$0.32061
49	₹	Total ROI Off-Branch	L48 x Input PV Total Carloads	\$41.68	\$0.00
		Modified Terminal Costs			
20	₹	Normal Terminal: ROI	Freight Car Costs - L37	\$1.28984	\$1.28984
51	≧	Total ROI Off-Branch Normal	L50 x Input PV Local	\$95.45	\$0.00
		Terminal Costs	Carloads		
25	≥	I/C Terminal: ROI	Freight Car Costs - L38	\$0.70534	\$0.70534
53	₹	Total ROI Off-Branch I/C	L29 x L52	\$39.50	\$0.00
		Terminal Costs			
2	₹	Car Mile Cost: ROI	Freight Car Costs - L40	\$0.00853	\$0.0000
55	₹	Total ROI Off-Branch Car Mile L54 x Input PV Off-Branch	L54 x Input PV Off-Branch	\$976.09	\$0.00
		Costs	Car Miles		
20	₹	Cost per Gross Ton Mile: ROI	Freight Car Costs - L39	\$0.00011	\$0.0000
22	₹	Total ROI Off-Branch Ton	L56 x Input PV Off-Branch	\$1,601.28	\$0.00
		Mile Costs	GTMs	٠.	
28	≥	Total ROI: Off-Branch Costs	L49 + L51 + L53 + L55 + L57	\$2,754.00	\$0.00

Source/Formula Hopper-Covered	Off-B	ranch Co	Off-Branch Costs - Freight Car		Base Year	Forecast Year
Line Own Initial in Service - Beginning of R1 S710 L36-51 CB 34,631 1A RR Units in Service - End of Year R1 S710 L36-51 CK 33,488 1C RR Units in Service - End of Year R1 S710 L36-51 CK 33,488 1D RR Units Leased to Others - End R1 S710 L36-51 CK 34,060 2 RR Units Leased to Others - End R1 S710 L36-51 CK 34,060 3 RR Car Days on Foreignt Car (L1A + L1B) / 2 + L1C 34,060 4 RR Equivalent Car Days on Home Estimated Estimated 1,000,000 5 RR Total Loaded Car Miles R1 S755 L15-28 CB 663,1864,276 6 RR Total Loaded Car Miles R1 S755 L15-28 CB 663,1864,276 7 RR R Potal Cost - Index Indicas 1,315,429,565 9A RR Repair Cost - Index Indicas 1,315,429,565 9A RR Repair Cost - Index Indicas 1,315,429,665 10A RR Repair Cost - Index R1 S415 L6-19 CB \$34,700 10A RR<	<u>:</u>	į	de constitución de constitució		Car Type 1	
1A RR Units in Service - Beginning of R1 S710 L36-51 CB 34,631 1B RR Units in Service - End of Year R1 S710 L36-51 CK 33,488 1C RR Units leased to Others - End R1 S710 L36-51 CK 34,080 2 RR Average Freight Car (L1A + L1B) / 2 + L1C 34,080 2 RR Average Freight Car (L1D x 346 Days 11,784,780 3 RR Car Days on Foreign Lines Estimated 1,300,000 4 RR Foreign Car Days on Home Estimated 1,300,000 5 RR Total Landed Car Miles R1 S755 L31-44 CB 651,664.219 6 RR Total Landed Car Miles R1 S755 L31-44 CB 651,664.219 8 RR Total Car Miles R1 S755 L31-44 CB 651,664.219 9AA RR Repair Cost - Index R1 S415 L6-19 CB 651,664.219 10A RR Repair Cost - Index R1 S415 L6-19 CB 869,267,000 9AA RR Repair Cost - Index R2 S415 L6-19 CB 869,267,000		\	Item	Source/Formula	Hopper-Covered	Hopper
RR Units in Service - End of Year R1 S710 L36-51 CN 33,488 RR Units Leased to Others - End of Year R1 S710 L36-51 CN - of Year Average Freight Car Days (L1A + L1B)/2 + L1C 34,060 RR Car Days on Foreign Lines Estimated Line Estimated L1D x 346 Days 11,784,760 RR Car Days on Foreign Lines Estimated Line Estimated L1D x 346 Days 1,300,000 RR Total Loaded Car Miles R1 S755 L15-28 CB 683,865,376 RR Total Loaded Car Miles R1 S755 L15-28 CB 683,865,376 RR Total Car Miles R1 S755 L14-28 CB 681,564,760 RR Total Car Miles R1 S755 L14-28 CB 681,564,219 RR Total Car Miles R1 S755 L14-28 CB 681,564,219 RR Repair Cost - Index R1 S755 L14-20 CB 589,267,000 RR Repair Cost - Index R1 S415 L6-19 CB \$50,204,000 \$74,000 RR Repair Cost - Index R1 S415 L6-19 CB \$72,504,000 \$72,504,000 RR Total Current Cost per Car R1 S415 L6-19 CB \$71,000		8	Units in Service - Beginning of Year	FR1 S710 L36-51 CB	34,631	34,631
RR Units Leased to Others - End R1 S710 L36-51 CN Average Freight Car (L1A + L1B) / 2 + L1C 34,080 RR Equivalent Car Days on Foreign Lines Estimated 1,300,000 RR Foreign Car Days on Home Estimated 1,300,000 LID Example Car Days on Home Estimated 1,300,000 RR Total System Car Days on Home Estimated 1,315,423,60 RR Total Car Miles R1 S755 L31-44 CB 663,862,376 RR Total Empty Car Miles R1 S755 L31-44 CB 663,862,376 RR Total Empty Car Miles R1 S755 L31-44 CB 661,562,235 RR Total Car Miles R1 S415 L8-19 CB \$63,862,370 RR Repair Cost - Indexed R1 S415 L8-19 CB \$63,862,376 RR Repair Cost - Indexed L9A x 50% \$34,782,618 RR Total Current Value L1D x L10A \$2,520,440,000 RR Total Current Cost per Car R1 S415 L8-19 CD \$13,036,000 RR Depreciation: Owned R1 S415 L8-19 CD \$424,612,000	6	R	Units in Service - End of Year	R1 S710 L36-51 CK	33,488	33,488
RR Average Freight Car (L1A+L1B) / 2+L1C 34,060 Ownership RR Car Days on Foreign Lines Estimated 11,784,760 RR Car Days on Foreign Lines Estimated 1,900,000 RR Total System Car Days on Home Estimated 1,900,000 Line RR Total Loaded Car Miles R1 S755 L15-28 CB 663,865,376 RR Total Car Miles R1 S755 L15-28 CB 661,564,219 RR Total Car Miles R1 S755 L15-28 CB 661,564,219 RR Total Car Miles R1 S755 L15-28 CB 661,564,219 RR Total Car Miles R1 S451 L6-19 CB 561,564,219 RR Repair Cost - Index R1 S415 L6-19 CB \$60,567,209 RR Repair Cost - Index R1 S415 L6-19 CB \$74,000 RR Repair Cost - Index R1 S415 L6-19 CB \$13,036,000 RR Repair Cost - Index R1 S415 L6-19 CB \$13,036,000 RR Current Cost per Car L1D x L10A \$13,036,000 RR Total Current Value <	5	&	Units Leased to Others - End of Year		• ,	
RR Equivalent Car Days L1D x 346 Days 11,784,760 RR Car Days on Foreign Lines Estimated 3,200,000 Foreign Car Days on Home Estimated 1,900,000 Line Total System Car Days On- L2 - L3 + L4 10,484,760 Line RR Total Loaded Car Miles R1 S755 L15-28 CB 663,865,376 RR Total Loaded Car Miles R1 S755 L15-28 CB 663,865,376 RR Total Carded Car Miles R1 S755 L15-28 CB 663,865,376 RR Total Carded Car Miles R1 S415 L6-19 CB \$69,267,219 RR Robair Cost - Base R1 S415 L6-19 CB \$69,565,235 RR Repair Cost - Indexed L9A x 50% \$34,782,618 RR Repair Cost - Indexed L9A x 50% \$34,782,618 Time or Miles Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$13,036,000 RR Depreciation: Owned R1 S415 L6-19 CB \$13,036,000 RR Booked Depreciation L1A + L11B \$13,036,000	5	8	Average Freight Car Ownership	(L1A + L1B)/2 + L1C	34,060	34,060
RR Car Days on Foreign Lines Estimated 3,200,000 Inie Foreign Car Days on Home Estimated 1,900,000 Line Total System Car Days On- L2 - L3 + L4 10,484,760 Line RR Total Loaded Car Miles R1 S755 L15-28 CB 663,865,376 RR Total Empty Car Miles R1 S755 L15-28 CB 663,865,276 RR Total Car Miles R1 S755 L15-28 CB 663,865,276 RR Total Car Miles R1 S451 L6-19 CB 651,564,219 RR Repair Cost - Indexed R3415 L6-19 CB 569,267,000 RR Repair Cost - Indexed L9A x 50% \$69,565,235 RR Repair Cost - Indexed L9A x 50% \$74,000 RR Applicable Repair Amount - L9A x 50% \$250,440,000 \$74,000 RR Total Current Value L1D x L10A \$13,036,000 RR Depreciation: Owned R1 S415 L6-19 CB \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Booked Depreciation L11A + L11E	8	X	Equivalent Car Days	L1D x 346 Davs	11.784.760	11.784.760
RR Foreign Car Days on Home Estimated 1,900,000 Line RR Total System Car Days On- L2 - L3 + L4 10,484,760 Line RR Total Loaded Car Miles R1 5755 L15-28 CB 663,865,376 RR Total Loaded Car Miles R1 5755 L31-44 CB 651,564,219 RR Total Car Miles R1 545 L6-19 CB 651,564,219 RR Repair Cost - Index Indices 869,267,000 RR Repair Cost - Index Indices \$69,565,235 RR Repair Cost - Index Indices \$69,565,235 RR Repair Cost - Index Indices \$69,565,235 RR Repair Cost - Index R1 5415 L6-19 CB \$69,565,235 RR Applicable Repair Amount - L9A x 50% \$24,782,618 Time or Milles Time or Milles R1 5415 L6-19 CB \$13,036,000 RR Depreciation: Owned R1 5415 L6-19 CB \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Booked Base Depreciation Rate L11D + L11E	ო	æ	Car Days on Foreign Lines	Estimated	3,200,000	3,200,000
RR Total System Car Days On- L2 - L3 + L4 L2 - L3 + L4 10,484,760 Line Line 663,865,376 6755 L15-28 CB 663,865,376 675,54219 RR Total Loaded Car Miles R1 S755 L31-44 CB 651,564,219 651,564,219 RR Total Car Miles R1 S415 L6-19 CB 651,564,219 1,315,429,595 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 1,004 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 1,004 RR Applicable Repair Amount - L9A x 50% L9A1 x L9A2 \$69,565,235 1,004 RR Applicable Repair Amount - L9A x 50% L1D x L10A \$2,520,440,000 \$74,000 RR Applicable Repair Amount - L9A x 50% R1 S415 L6-19 CD \$13,036,000 \$1,004 RR Depreciation: Owned R1 S415 L6-19 CD \$13,036,000 \$1,004 RR Depreciation: Owned R1 S415 L6-19 CG \$13,036,000 \$1,006 RR Booked Depreciation Rate L11C / L11F \$424,612,000 \$1,006 RR Booked Ba	4	8	Foreign Car Days on Home	Estimated	1,900,000	1,900,000
RR Total System Car Days On- L2 - L3 + L4 L1 - L3 + L4 10,484,760 RR Total Loaded Car Miles R1 5755 L15-28 CB 663,865,376 RR Total Empty Car Miles R1 5755 L15-28 CB 663,865,376 RR Total Car Miles R1 5755 L31-44 CB 651,564,219 RR Total Car Miles R1 5415 L6-19 CB \$69,267,000 RR Repair Cost - Index Indices 1,004 RR Repair Cost - Index L9A1 x L9A2 \$69,565,235 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Applicable Repair Amount - L9A x 50% \$74,700 \$74,700 RR Applicable Repair Amount - L9A x 50% \$74,700 \$74,700 RR Applicable Repair Amount - L9A x 50% \$10,484,760 \$74,700 RR Current Cost per Car Estimated Replacement Cost \$74,000 \$74,700 RR Current Cost per Car Estimated Replacement Cost \$13,036,000 \$10,000 RR Depreciation: Owned R1 S415 L6-19 CD \$424,612,000 R		1				
RR Total Loaded Car Miles RT 575 L15-28 CB 663,865,376 RR Total Empty Car Miles R1 575 L31-44 CB 651,564,219 RR Total Car Miles L6 + L7 1,315,429,595 RR Repair Cost - Index R1 5415 L6-19 CB \$69,567,000 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Applicable Repair Amount - L9A x 50% \$34,782,618 RR Applicable Repair Amount - L1D x L10A \$2,520,440,000 RR Current Cost per Car Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$2,520,440,000 \$6 RR Depreciation: Owned R1 S415 L6-19 CC \$13,036,000 \$1000 RR RR Booked Depreciation L11A + L11B \$13,036,000 \$1000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000	ro C	X	Total System Car Days On- Line	12-13+14	10,484,760	10,484,760
RR Total Empty Car Miles RT 5755 L31-44 CB 651,564,219 RR Total Car Miles L6 + L7 1,315,429,595 RR Repair Cost - Base RT 5415 L8-19 CB \$69,267,000 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Applicable Repair Amount - L9A x 50% \$34,782,618 Time or Miles Estimated Replacement Cost \$74,000 RR Current Cost per Car Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$2,520,440,000 RR Depreciation: Owned R1 S415 L6-19 CD \$13,036,000 RR Depreciation: Capitalized R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation: Capitalized R1 S415 L6-19 CD \$424,612,000 Owned Capitalized Lease R8 L11C / L11F \$424,612,000 RR Investment Base as of 12/31: R1 S415 L6-19 CH \$424,612,000 RR Romposite Depreciation (at L10B x L11G \$72,737,377,508 <	9	X	Total Loaded Car Miles	R1 S755 L15-28 CB	663,865,376	663,865,376
RR Total Car Miles L6 + L7 1,315,429,595 RR Repair Cost - Base R1 S415 L6-19 CB \$69,267,000 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Applicable Repair Amount - L9A x 50% L9A x 50% \$34,782,618 Time or Miles Estimated Replacement Cost \$74,000 RR Current Cost per Car Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$2,520,440,000 RR Depreciation: Owned R1 S415 L6-19 CD \$13,036,000 RR Depreciation: Capitalized R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Investment Base as of 12/31: R1 S415 L6-19 CH \$424,612,000 Owned Capitalized Lease Capitalized Lease \$158,580,000 RR Composite Depreciation (at L10 L11F \$77,377,508 RR Annual Depreciation as R1 S415 L6-19 Cl \$77,377,508 <	7	8	Total Empty Car Miles	R1 S755 L31-44 CB	651,564,219	651,564,219
RR Repair Cost - Base R1 S415 L6-19 CB \$69,267,000 RR Repair Cost - Index Indices 1.004 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Applicable Repair Amount - L9A x 50% L9A1 x L9A2 \$69,565,235 RR Applicable Repair Amount - L9A x 50% Estimated Replacement Cost \$74,000 RR Current Cost per Car Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$2,520,440,000 RR Depreciation: Owned R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Investment Base as of 12/31: R1 S415 L6-19 CG \$424,612,000 Owned Capitalized Lease RR Booked Base Depreciation (at L11C / L11F \$424,612,000 RR Booked Base Depreciation (at L10B x L11G \$77,377,508 RR Annual Depreciation (at L10B x L11G \$158,580,000 RR Accumulated Depreciation as R1 S415 L6-19 CI \$158,730,000 RR Accumulated Depreciation as R1 S415 L6-19	œ	쭕	Total Car Miles	Te + L7	1,315,429,595	1,315,429,595
RR Repair Cost - Index Indices 1.004 RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Applicable Repair Amount - L9A x 50% \$34,782,618 Time or Miles Estimated Replacement Cost \$74,000 RR Current Cost per Car Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$2,520,440,000 RR Depreciation: Owned R1 S415 L6-19 CC \$13,036,000 RR Depreciation: Capitalized R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Investment Base as of 12/31: R1 S415 L6-19 CG \$424,612,000 Owned RR Booked Base Depreciation Rate L11C / L11F \$424,612,000 RR Booked Base Depreciation Rate L11C / L11F \$424,612,000 RR Annual Depreciation (at L10B x L11G \$777,377,508 RR Accumulated Depreciation as R1 S415 L6-19 Cl \$158,580,000 of 12/31: Owned \$158,580,000	9A1	쭕	Repair Cost - Base	R1 S415 L6-19 CB	\$69,267,000	\$69,267,000
RR Repair Cost - Indexed L9A1 x L9A2 \$69,565,235 RR Applicable Repair Amount - L9A x 50% \$34,782,618 Time or Miles Time or Miles RR Current Cost per Car Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$2,520,440,000 RR Depreciation: Owned R1 S415 L6-19 CC \$13,036,000 RR Depreciation: Capitalized R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Investment Base as of 12/31: R1 S415 L6-19 CG \$424,612,000 Owned RR Booked Base Depreciation L11D + L11E \$424,612,000 RR Booked Base Depreciation Rate L11C / L11F \$424,612,000 RR Composite Depreciation Rate L11C / L11F \$777,377,508 RR Annual Depreciation as R1 S415 L6-19 Cl \$158,580,000 of 12/31: Owned \$158,580,000	9 A 2	8	Repair Cost - Index	Indices	1.004	1.110
RR Applicable Repair Amount - L9A x 50% \$34,782,618 Time or Miles Time or Miles \$34,782,618 RR Current Cost per Car Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$2,520,440,000 RR Depreciation: Owned R1 S415 L6-19 CC \$13,036,000 RR Depreciation: Capitalized R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Booked Depreciation L11D + L11E \$424,612,000 Owned RR Booked Base Depreciation Rate L11C / L11F \$424,612,000 RR Booked Base Depreciation Rate L11C / L11F \$424,612,000 RR Annual Depreciation (at L10B x L11G \$777,377,508 RR Accumulated Depreciation as R1 S415 L6-19 Cl \$158,580,000 of 12/31: Owned \$158,580,000	8	8	Repair Cost - Indexed	L9A1 x L9A2	\$69,565,235	\$76,894,455
RR Current Cost per Car Estimated Replacement Cost \$74,000 RR Total Current Value L1D x L10A \$2,520,440,000 (Replacement Cost) R1 S415 L6-19 CC \$13,036,000 RR Depreciation: Capitalized R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Booked Depreciation L11A + L11B \$424,612,000 Owned RR Investment Base as of 12/31: R1 S415 L6-19 CG \$424,612,000 RR Investment Base as of 12/31: R1 S415 L6-19 CH \$0.0307 RR Booked Base Depreciation Rate L11C / L11F \$424,612,000 RR Composite Depreciation Rate L11C / L11F \$77,377,508 RR Annual Depreciation (at L10B x L11G \$158,580,000 Actumulated Depreciation as R1 S415 L6-19 Cl \$158,580,000	9B	X	Applicable Repair Amount - Time or Miles	L9A x 50%	\$34,782,618	\$38,447,228
RR Total Current Value L1D x L10A \$2,520,440,000 (Replacement Cost) RR Depreciation: Owned R1 S415 L6-19 CC \$13,036,000 RR Depreciation: Capitalized R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Investment Base as of 12/31: R1 S415 L6-19 CG \$424,612,000 Owned RR Investment Base as of 12/31: R1 S415 L6-19 CG \$424,612,000 RR Investment Base as of 12/31: R1 S415 L6-19 CG \$424,612,000 Capitalized Lease L11D + L11E \$424,612,000 RR Booked Base Depreciation Rate L11C / L11F \$77,377,508 RR Annual Depreciation (at L10B x L11G \$158,580,000 Accumulated Depreciation as R1 S415 L6-19 Cl \$158,580,000	10A	ж Ж	Current Cost per Car	Estimated Replacement Cost	\$74,000	\$74,000
RR Total Current Value L1D x L10A \$2,520,440,000 (Replacement Cost) (Replacement Cost) \$13,036,000 RR Depreciation: Capitalized R1 S415 L6-19 CD \$13,036,000 RR Booked Depreciation L11A + L11B \$13,036,000 RR Booked Depreciation L11A + L11B \$424,612,000 Owned RR Investment Base as of 12/31: R1 S415 L6-19 CH \$0 Capitalized Lease RR Booked Base Depreciation L11D + L11E \$424,612,000 RR Booked Base Depreciation Rate L11C / L11F \$424,612,000 RR Annual Depreciation (at L10B x L11G \$777,377,508 RR Accumulated Depreciation as R1 S415 L6-19 Cl \$158,580,000 of 12/31: Owned \$158,580,000				at Year End		
Page	9 0	8	Total Current Value	L1D x L10A	\$2,520,440,000	\$2,520,440,000
RR Depreciation: Capitalized R1 \$415 L6-19 CD Lease RR Booked Depreciation RR Investment Base as of 12/31: R1 \$415 L6-19 CG Owned RR Investment Base as of 12/31: R1 \$415 L6-19 CG Capitalized Lease RR Booked Base Depreciation RR Booked Base Depreciation RR Annual Depreciation (at L10B x L11G Replacement) RR Accumulated Depreciation as R1 \$415 L6-19 CI \$77,377,577,500,000 of 12/31: Owned	41	0	Depression Control	70000	642 028 000	642 028 000
Lease \$13,036,0 RR Booked Depreciation L11A + L11B \$13,036,0 RR Investment Base as of 12/31: R1 \$415 L6-19 CG \$424,612,0 Capitalized Lease Capitalized Lease RR RR Booked Base Depreciation L11D + L11E \$424,612,0 RR Composite Depreciation Rate L11C / L11F 0.03 RR Annual Depreciation (at L10B x L11G \$77,377,5 RR Accumulated Depreciation as R1 \$415 L6-19 Cl \$158,580,0 of 12/31: Owned \$128,580,0	<u> </u>	£ &	Depreciation: Capitalized	R1 S415 L6-19 CD	09	09
RR Booked Depreciation L11A + L11B \$13,036,0 RR Investment Base as of 12/31: R1 S415 L6-19 CG \$424,612,0 Owned RR Investment Base as of 12/31: R1 S415 L6-19 CH \$424,612,0 Capitalized Lease RR Booked Base Depreciation L11D + L11E \$424,612,0 RR Composite Depreciation Rate L11C / L11F 0.03 RR Annual Depreciation (at L10B x L11G \$77,377,5 Replacement) S77,377,5 RR Accumulated Depreciation as R1 S415 L6-19 Cl \$158,580,0 of 12/31: Owned \$158,580,0			Lease			•
RR Investment Base as of 12/31: R1 S415 L6-19 CG Owned RR Investment Base as of 12/31: R1 S415 L6-19 CH Capitalized Lease RR Booked Base Depreciation L11D + L11E RR Composite Depreciation Rate L11C / L11F RR Annual Depreciation (at L10B x L11G Replacement) RR Accumulated Depreciation as R1 S415 L6-19 CI 612/31: Owned	110	X	Booked Depreciation	L11A + L11B	\$13,036,000	\$13,036,000
Owned RR Investment Base as of 12/31: R1 S415 L6-19 CH Capitalized Lease RR Booked Base Depreciation L11D + L11E RR Composite Depreciation Rate L11C / L11F RR Annual Depreciation (at L10B x L11G Replacement) RR Accumulated Depreciation as R1 S415 L6-19 Cl 612/31: Owned	10	8	Investment Base as of 12/31:	R1 S415 L6-19 CG	\$424,612,000	\$424,612,000
RR Investment Base as of 12/31: R1 S415 L6-19 CH Capitalized Lease RR Booked Base Depreciation L11D + L11E RR Composite Depreciation Rate L11C / L11F RR Annual Depreciation (at L10B x L11G Replacement) RR Accumulated Depreciation as R1 S415 L6-19 Cl \$158,580,0 of 12/31: Owned			Owned			
Capitalized Lease RR Booked Base Depreciation L11D + L11E RR Composite Depreciation Rate L11C / L11F RR Annual Depreciation (at L10B x L11G Replacement) RR Accumulated Depreciation as R1 S415 L6-19 Cl of 12/31: Owned	116	X X	Investment Base as of 12/31:		\$0	0\$
RK Booked Base Depreciation L11D +L11E RR Composite Depreciation Rate L11C / L11F RR Annual Depreciation (at L10B x L11G Replacement) RR Accumulated Depreciation as R1 S415 L6-19 Cl of 12/31: Owned	;	¦	Capitalized Lease			
RR Composite Depreciation Rate L11C / L11F RR Annual Depreciation (at L10B x L11G Replacement) RR Accumulated Depreciation as R1 S415 L6-19 Cl of 12/31: Owned	11	¥	Booked Base Depreciation	L11D + L11E	\$424,612,000	\$424,612,000
RR Annual Depreciation (at L10B x L11G Replacement) RR Accumulated Depreciation as R1 S415 L6-19 Cl of 12/31: Owned	116	X	Composite Depreciation Rate	L11C/L11F	. 0.0307	0.0307
RR Accumulated Depreciation as R1 S415 L6-19 Cl of 12/31: Owned	Ŧ	K	Annual Depreciation (at	L10B x L11G	\$77,377,508	\$77,377,508
of 12/31: Owned	124	0	Accumulated Deprociation of	D1 C416 6-10 C	#459 590 000	6159 590 000
	<u> </u>	Ę	of 12/31: Owned	A1 0413 LG-13 C	000,000,001	000,000,001

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				Car Type 1	Car Type 1
Line	§	Item	Source/Formula	Hopper-Covered	Hop
			200000000000000000000000000000000000000		
128	ž	Accumulated Deprecation as of 12/31: Capitalized Lease	K1 S415 L6-19 CJ	O#	C.
12C	æ	Accumulated Book	L12A + L12B	\$158,580,000	\$158,580,000
		Depreciation			
12D	ጅ	Undepreciated Book Value	L11F - L12C	\$266,032,000	\$266,032,000
12E	뽒	Undepreciated Book Ratio	L12D/L11F	0.62653	0.62653
12F	쫎	Net Current Value	L10B x L12E	\$1,579,131,273	\$1,579,131,273
12G	8	Nominal Cost of Capital	Cost of Capital Lxxx	0.1497	0.1497
12H	8	Nominal Return on	L12F x L12G	\$236,395,952	\$236,395,952
		Investment			•
121	8	ROI Cost per Car Day (w/o	L12H / L5	\$22.54663	\$22.54663
		Holding Gain)			
12.	ቾ	Net Current Value	L10B x L12E	\$1,579,131,273	\$1,579,131,273
12K	Ж	Holding Gain: Rate - Deflator	Cost of Capital Lxxx	•	0.1029
12 L	8	Holding Gain on Investment	L12J x L12K	%	\$162,492,608
12M	ጸ	Holding Gain per Car Day	L12L / L5	\$0.0000	\$15.49798
12N	R	ROI Cost per Car Day	L12! - L12M	\$22.54663	\$7.04865
		(w/Holding Gain)			
13	ጽ አ	Applicable Depreciation Amount: Time	L11H x 60%	\$46,426,505	\$46,426,505
14A1	8	Per Diem Payments - Base	R1 S414 L1-16 CG	\$19,488,000	\$19,488,000
1472	K	Per Diem Payments - Index	Indices	1.004	1.110
4 A	X	Per Diem Payments - Indexed L14A1 x L14A2	L14A1 x L14A2	\$19,571,907	\$21,633,955
14B1	R R	Per Diem Receipts - Base	R1 S414 L1-16 CD	\$27,989,000	\$27,989,000
14B2	8	Per Diem Receipts - Index	Indices	1.004	1.110
14B	8	Per Diem Receipts - Indexed	L14B1 x L14B2	\$28,109,509	\$31,071,057
14C1	쫎	Lease & Rentals Net - Base	R1 S415 L6-19 CF	\$86,431,000	\$86,431,000
14C2	%	Lease & Rentals Net - Index	Indices	1.004	1.110
5	똤	Lease & Rentals Net -	L14C1 x L14C2	\$86,803,137	\$95,948,499
		Indexed			
15	ጽ ያ	Total Cost per Car: Time	L9B + L13 + L14A + L14C - L14B	\$159,474,658	\$171,385,129
16	Ж Ж	Non-ROI Cost per Car Day	L15/L5 -	\$15.21014	\$16.34612
17A .		Applicable Depreciation	L11H x 40%	\$30,951,003	\$30,951,003
1704	0	Milean Demonte Door	04 C444 4 46 OF	000 000	000 000
ב פין	ž	Mileage Payments - Base	K1 5414 L1-16 CF	\$6,984,000	\$6,984,000
17B2	¥ (Mileage Payments - Index	Indices	1.004	1.110
178	X	Mileage Payments - Indexed	L17B1 x L17B2	\$7,014,070	\$7,753,055
17	%	Mileage Receipts - Base	R1 S414 L1-16 CC	\$14,170,000	\$14,170,000
17C2	¥	Wileson Receipts - Index	ndices	2	

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RR Mileage Receipts - Inde RR Total Mileage Cost RR Total Mileage Cost RR Non-Rol Cost per Car PV Total Mileage Payment Indexed Station Clerical - Index Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	Source/Formula exed L17C1 x L17C2 L9B + L17A + L17B - L17C Mile L18 / L8 S - Indices S - L20A1 x L20A2 es R1 S756 L47-62 CB R1 S756 L65-80 CB L20B + L20C Mile L20A / L20D L8 / L6 L20D / L20B D6LX01C4 E1L109C1 Indices ed L22B1 x L22B2 se: D6LX28C5	### Hopper-Covered ### \$14,231,010	\$15,730,354 \$61,420,335 \$61,420,335 \$11,765,000 1.110 \$13,082,726 389,311,756 389,311,756 384,840,305 774,152,061 \$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
RR Mileage Receipts - Inde RR Total Mileage Cost RR Non-ROI Cost per Car PV Total Mileage Payment Index PV Total Mileage Payment Indexed PV Total Mileage Payment Indexed PV Private Loaded Car Miles PV Private Loaded Car Miles PV Private Loaded Car Miles PV Private Empty Return Ratio Repair Variability Station Clerical - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		\$14,231,010 \$58,516,681 \$0.0448 \$11,785,000 1.004 \$11,835,741 389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	\$15,730,354 \$61,420,932 \$0.04669 \$11,785,000 1.110 \$13,082,726 389,311,756 384,840,305 774,152,061 \$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
RR Total Milleage Cost RR Non-ROI Cost per Car PV Total Mileage Payment Index PV Total Mileage Payment Indexed PV Total Mileage Payment Indexed PV Private Loaded Car Miles PV Private Loaded Car Miles PV Private Empty Car Miles PV Private Empty Return Ratio PV Private Empty Return Ratio PV Repair Variability Station Clerical - Index Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	<u> </u>	\$58,516,681 \$0.0448 \$11,785,000 1.004 \$11,835,741 389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	\$61,420,932 \$0.04669 \$11,785,000 1.110 \$13,082,726 389,311,756 384,840,305 774,152,061 \$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
RR Non-Roll Cost per Car PV Total Mileage Payment Base PV Total Mileage Payment Index PV Total Mileage Payment Indexed PV Total Mileage Payment Indexed PV Private Loaded Car Miles PV Private Empty Car Miles PV Private Empty Car Miles PV Total Private Car Miles PV Total Private Car Miles PV Total Private Car Miles PV Brivate Empty Car Miles PV Total Operating Expens Repairs Station Clerical - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	<u> </u>	\$0.04448 \$11,785,000 1.004 \$11,835,741 389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	\$0.04669 \$11,785,000 1.110 \$13,082,726 389,311,756 384,840,305 774,152,061 \$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
PV Total Mileage Payment Base PV Total Mileage Payment Index PV Total Mileage Payment Indexed PV Total Mileage Payment Indexed PV Private Loaded Car Mile PV Private Empty Car Miles PV Total Private Car Miles PV Total Private Car Miles PV PV Total Private Car Miles PV Repair Variability Station Clerical - Index Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	• • • • • • • • • • • • • • • • • • •	\$11,785,000 1.004 \$11,835,741 389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7,49034 1.004 \$7,52259 \$62,927	\$11,785,000 1.110 \$13,082,726 389,311,756 384,840,305 774,152,061 \$0,01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
Base Total Mileage Payment Index PV Total Mileage Payment Indexed PV Private Loaded Car Miles PV Private Empty Car Miles PV Total Private Car Miles PV Total Private Car Miles PV Non-ROI Cost per Car Empty Return Ratio Repair Variability Station Clerical - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		\$11,835,741 389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7,49034 1.004 \$7.52259	\$13,082,726 389,311,756 384,840,305 774,152,061 \$0,01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
hodex Index PV Total Mileage Payment Indexed PV Private Loaded Car Mile PV Private Loaded Car Miles PV Private Empty Car Miles PV Total Private Car Miles PV Non-ROI Cost per Car Empty Return Ratio Repair Variability Station Clerical - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	· · · · · · · · · · · · · · · · · · ·	\$11,835,741 389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7,49034 1.004 \$7,52259	\$13,082,726 389,311,756 384,840,305 774,152,061 \$0,01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515
Index Total Mileage Payment Indexed PV Private Loaded Car Miles PV Total Private Car Miles PV Total Private Car Miles PV Non-ROI Cost per Car Empty Return Ratio Empty Return Ratio Repair Variability Station Clerical - Index Control O/H General O/H: Opr Deprectation Variability General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Switch Engine Minutes	· ø 🚊 - n ::	\$11,835,741 389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259	\$13,082,726 389,311,756 384,840,305 774,152,061 \$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515
PV Total Mileage Payment Indexed PV Private Loaded Car Miles PV Total Private Car Miles PV Total Private Car Miles PV Total Private Car Miles PV Rempty Return Ratio Repair Variability Station Clerical - Base Station Clerical - Index Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	'	\$11,835,741 389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259	\$13,082,726 389,311,756 384,840,305 774,152,061 \$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515
Indexed PV Private Loaded Car Miles PV Total Private Car Miles PV Non-ROI Cost per Car RR Empty Return Ratio PV Empty Return Ratio PV Empty Return Ratio Repair Variability Station Clerical - Index Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	, <u>e</u> ,	389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259	389,311,756 384,840,305 774,152,061 \$0,01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515
PV Private Loaded Car Miles PV Total Private Empty Car Miles PV Total Private Car Miles PV Non-ROI Cost per Car RR Empty Return Ratio PV Empty Return Ratio Repair Variability Station Clerical - Index Coneral O/H: Opr General O/H: Opr Depreciation Variability General O/H: ORL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		389,311,756 384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	389,311,756 384,840,305 774,152,061 \$0,01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515
PV Private Empty Car Miles PV Total Private Car Miles PV Non-ROI Cost per Car RR Empty Return Ratio PV Empty Return Ratio Repair Variability Station Clerical - Index Control Operating Expens Freight Car Repairs Maintenance of Equipm O/H General O/H: Opr Deprectation Variability General O/H: ORL Current Year SEM per Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		384,840,305 774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	384,840,305 774,152,061 \$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515
PV Total Private Car Miles PV Non-ROI Cost per Car RR Empty Return Ratio PV Empty Return Ratio Repair Variability Station Clerical - Base Station Clerical - Index General O/H: Opr Deprectation Variability General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		774,152,061 \$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	\$0.01690 \$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515
PV Non-ROI Cost per Car Rmpty Return Ratio PV Empty Return Ratio Repair Variability Station Clerical - Index O/H General O/H: Opr Deprectation Variability General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		\$0.01529 1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	\$0.01690 1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
RR Empty Return Ratio PV Empty Return Ratio Repair Variability Station Clerical - Base Station Clerical - Index Station Clerical - Index Station Clerical - Index Total Operating Expens Repairs Freight Car Repairs Maintenance of Equipn O/H General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		1.98147 1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	1.98147 1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
PV Empty Return Ratio Repair Variability Station Clerical - Index Station Clerical - Index Station Clerical - Index Station Clerical - Index Total Operating Expens Repairs Freight Car Repairs Freight Car Repairs Maintenance of Equipm O/H General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		1.98851 0.86000 \$7.49034 1.004 \$7.52259 \$62,927	1.98851 0.86000 \$7.49034 1.110 \$8.31515 \$62,927
Repair Variability Station Clerical - Base Station Clerical - Index Station Clerical - Index Station Clerical - Index Total Operating Expens Repairs Freight Car Repairs Maintenance of Equipn O/H General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		0.86000 \$7.49034 1.004 \$7.52259 \$62,927	0.86000 \$7.49034 1.110 \$8.31515 \$62,927
Station Clerical - Base Station Clerical - Index Station Clerical - Index Station Clerical - Index Total Operating Expens Repairs Freight Car Repairs Maintenance of Equipm O/H General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		\$7.49034 1.004 \$7.52259 \$62,927	\$7.49034 1.110 \$8.31515 \$62,927
Station Clerical - Index Station Clerical - Index Station Clerical - Index Total Operating Expens Repairs Freight Car Repairs Maintenance of Equipm O/H General O/H: Opr Depredation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index		\$7.52259 \$62,927	\$8.31515 \$62,927
Station Clerical - Index Total Operating Expens Repairs Freight Car Repairs Maintenance of Equipn O/H General O/H: Opr Depreciation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index		\$7.52259 \$62,927	\$8.31515
Total Operating Expensive Repairs Repairs Freight Car Repairs Maintenance of Equipm O/H General O/H: Opr Depreciation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		\$62,927	\$62,927
Freight Car Repairs Freight Car Repairs Maintenance of Equipm O/H General O/H: Opr Depredation Variability General O/H: DRL Current Year SEM per Switch Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		404,321	176'700
Freight Car Repairs Maintenance of Equipm O/H General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes			
Maintenance of Equipn O/H General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	_	\$52,926	\$52,926
O/H General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes		1.18896	1.18896
General O/H: Opr Deprectation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes			
Depredation Variability General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Indexed Switch Engine Minutes	D8L607C1	1.08660	1.08660
General O/H: DRL Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Index Switch Engine Minutes	D6LX33C4	1.00000	1.0000
Current Year SEM per Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Indexed Switch Engine Minutes	D8L608C1	1.05044	1.05044
Switch Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Indexed Switch Engine Minutes		1.01633	1.01633
Switch Engine Minutes Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Indexed Switch Engine Minutes			
Unit Cost - Base Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Indexed Switch Engine Minutes	-Opr E1L111C1	\$4.72319	\$4.72319
Switch Engine Minutes Unit Cost - Index Switch Engine Minutes Unit Cost - Indexed Switch Engine Minutes			
Unit Cost - Index Switch Engine Minutes Unit Cost - Indexed Switch Engine Minutes	- Opr Indices	1.004	1.110
Switch Engine Minutes Unit Cost - Indexed Switch Engine Minutes			•
Switch Engine Minutes	- Opr L22J1 x L22J2 .	\$4.74353	\$5.24329
	- DRI F11111C2	\$0.49346	\$0.49346
Exp Unit Cost - Base	!		
22K2 Switch Engine Minutes - DRL	- DRL Indices	1.004	1.110
_			
	- DRI 122K1 x 122K2	\$0.49558	\$0.54780
_			
101	•		
-	-	•	•

22L ; 22L		Source/Formula	Honner-Covered	Honner-Covered
W 2	// Switching: Cost per Switch - L221 x (L22J + L22K)	- L221 x (L22J + L22K)	\$5.32466	\$5.88566
N .	Non-ROI			
į	Average Non-ROI Cost per	((L9B x L22A x L22E x L22F)	\$16.17842	\$17.39289
ž	Car Day	+ (L13 x L22G x L22H) +		
7		(L14A × L22H) - (L14B × L22H) + (L14C × L22H)) / L5		
	Terminal Special Services -	E1L106C1	\$1.15002	\$1.15002
	Base		•	
22N2	Terminal Special Services -	Indices	1.004	1.110
22N	moex Terminal Special Services -	L 22N1 x L 22N2	\$1.15497	\$1.27666
í	Indexed			
220 RR	Modified Terminal: Non-ROI	L22N + L22B + (((L22M x 2) +	\$83.34232	\$90.18105
23A	O/O Switch Factor	E21 1XXC8	00000	2 00000
23B	Current Year SEM per	E2L1XXC25	4.06532	4.06532
	Industry Switch			
23C	O/D Switching: Non-ROI	L23B x (L22J + L22K)	\$21.29866	\$23.54263
23D	CD per L&UL Industry Switch	E2L1XXC14	2.00000	2.00000
23E	Car Days O/D	L23D x L23A	4.00000	4.00000
23F RR	Normal Terminal: Non-ROI	(L23A x L23C) + L22B +	\$114.83359	\$124.97197
		(LZ3E X LZZM)		
24A	Car Days per I/C Switch	E2L1XXC10	1.50000	1.50000
24B	Current Year SEM per Interchange Switch	E2L1XXC26	2.23592	2.23592
24C	· I/C Switch Cost: Non-ROI	L24B x (L22J + L22K)	\$11.71423	\$12.94841
24D	Empty Return Ratio	E2L1XXC2	1.98147	1.98147
24E . RR	I/C Terminal: Non-ROI	((L24A x L22M) + L24C) x L24D	\$71.29698	\$77.35212
25A1	Cost per GTM: Operating -	E1L101C1	\$0.00200893	\$0.00200893
	Base			
25A2	Cost per GTM: Operating -	Indices	1.004	1.110
. 950	Index Cost per GTM: Operating -	1 2541 x 1 2542	\$0 00001758	\$0 00223015
	Indexed			
2581	Cost per GTM: Depr Rents &	E1L101C2	\$0.00053721	\$0.00053721
	Leases - Base			
:5B2	Cost per GTM: Depr Rents & Leases - Index	Indices	1.004	1.110
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25B Cost per GTM. Dep Rents & L2581 x L2582 SourceFormula Hopper-Covered Hopper-Covered Hopper-Covered 25C Weighted Average Train Tons Way/Thru L12 \$3.00053823 \$0.00053	Off-Branch Co	Off-Branch Costs - Freight Car		Base Year	Forecast Year
Cost per GTM: Dept Rents & 1.2561 x 1.2562 \$0.00053892 Leases- Indexed Cost per LUM: Operating - Indices Cost per LUM: Operating - Indices Cost per LUM: Operating - Indices Cost per LUM: Depr Rents & E1L105C2 \$3.98617 Indexed Cost per LUM: Depr Rents & E1L105C2 \$0.43842 Leases- Base Cost per LUM: Depr Rents & 1.2561 x 1.2562 \$0.43842 Leases- Indexed Cost per LUM: Depr Rents & 1.2561 x 1.2562 \$0.44031 Leases - Indexed Weighted Average Locos per Way/Thru L15 \$3.39569 Train - Off Brand Cost per LUM: Depr Rents & 1.2561 x 1.2562 \$8.34635 Indexed Cost per LUM: Depr Rents & 1.2561 x 1.2562 \$8.34635 Indexed Cost per LUM: Depr Rents & 1.2561 x 1.2562 \$8.34635 Indexed Cost per LUM: Depr Rents & 1.2561 x 1.2562 \$8.34635 Indexed Cost per LUM: Depr Rents & 1.2561 x 1.2562 \$8.34635 Indexed Cost per Train Mile: E1L103C1 \$8.34635 Indexed Cost per Train Mile: E1L103C1 \$8.0.2641900 Operating - Indexed Other Cost per Train Mile: E1L103C2 \$8.0.00081 Operating - Indexed Other Cost per Train Mile: E1L103C2 \$8.0.00081 Operating - Indexed Other Cost per Train Mile: E1L103C3 \$8.0.00081 Operating - Indexed Other Cost per Train Mile: E1L103C4 \$8.0.00082 Operating - Indexed Other Cost per Train Mile: E1L103C5 \$8.0.00082 Operating - Indexed Other Cost per Train Mile: E1L103C2 \$8.0.00082 Other Cost per Train Mile: E1L103C5 \$8.0.00082		Item	Source/Formula	Car Type I Hopper-Covered	
Weighted Average Train Tons Way/Thru L12 5,315.2 Off-Brand - Off-Brand Cost per LUM: Operating - E11.105C1 \$3.39321 Base 1,004 1,104 Cost per LUM: Operating - Indices 1,004 1,104 Index L25D1 x L25D2 \$3.458617 \$4.37 Cost per LUM: Depr Rents & E11.105C2 \$0.43942 \$0.44 Leases - Buse Cost per LUM: Depr Rents & L25E1 x L25E2 \$0.443942 \$0.48 Leases - LUM: Depr Rents & L3E1 x L25E2 \$0.44031 \$0.49 1 Leases - Index Locat per LUM: Depr Rents & L25E1 x L25E2 \$0.44031 \$0.49 Leases - Index Weighted Average Locos per Way/Thru L15 3.39569 1 Train - Off Branch E1L104C1 \$8.31057 \$8.31 Grew Wagges per Train Mile - E1L104C1 \$0.261 year \$0.0061 Index Operating - Base Operating - Base \$0.0061 Operating - Base Train Mile: E1L103C1 \$0.0061 \$0.0061 Operating - Bases - Base Train Mile: E1L103C2 \$0.0061 \$0.0061 Oper	l	Cost per GTM: Depr Rents &		\$0.00053952	
Off-Branch 6,315.2 Off-Branch Cost per LUM: Operating E11.105C1 \$3.39927 \$3.39927 Cost per LUM: Operating E11.105C2 \$3.39927 \$3.39927 \$3.39927 Cost per LUM: Depr Rents & E11.105C2 \$0.43942 \$4.37 Indices Cost per LUM: Depr Rents & Indices E11.105C2 \$0.44031 \$0.48 Leasses - Indices Cost per LUM: Depr Rents & LOSE IX	-	Leases - Indexed			
Cost per LUM: Operating - FIL-105C1 \$3.93921 \$3.9921 Base Cost per LUM: Operating - Indices 1.004 1.1 Indexed Cost per LUM: Operating - Indices 1.004 1.1 Indexed Cost per LUM: Depr Rents & FIL-105C2 \$0.43942 \$0.43 Leases - Index Cost per LUM: Depr Rents & L25E1 x L25E2 \$0.44031 \$0.49 Leases - Index Cost per LUM: Depr Rents & L25E1 x L25E2 \$0.44031 \$0.49 Leases - Index Cost per LUM: Depr Rents & L25E1 x L25E2 \$0.44031 \$0.49 Leases - Index Cost per Train Mile - FIL-104C1 \$0.49 Train - Off Branch Cost per Train Mile - L25G1 x L25G2 \$0.2569 Train - Off Branch L05G1 x L25G2 \$0.00081887 \$0.00081 Train - Off Branch L05G1 x L25G2 \$0.00081887 \$0.00081 Train - Off Branch L05G1 x L25G2 \$0.00081 Train - Off Branch L05G1 x L25G2 \$0.00081887 \$0.00081 Train - Off Branch L05G1 x L25G2 \$0.00081 Train - Off Branch & Leases - Index Train - Off Branch & Leases - Index Train - Off Branch & Leases - Index Train - Off Branch & Lease - Index Train - Off Branch & Lease - Index Train - Off Branch L25G1 x L25G2 Train - Off Branch & Lease - Index Train - Off Branch & L05G1 & CO0088 Train - Off Branch & L05G1 & CO0088 Train - Off Branch & L0	22C	Weighted Average Train Tons	Way/Thru L12	5,315.2	
Base Cost per LUM: Operating - Indices 1.004 1.1 Indexed Cost per LUM: Operating - Indices 1.004 1.1 Indexed Cost per LUM: Depr Rents & El1.105C2 \$0.43942 \$0.43 Leases - Base Cost per LUM: Depr Rents & Indices 1.004 1.1 Leases - Indexed Cost per LUM: Depr Rents & Indices 1.004 1.1 Leases - Indexed Cost per Train Mile - Indices 1.004 1.3 Crew Wages per Train Mile - El1.104C1 \$8.31057 \$8.31 Base Gost per LUM: Depr Rents & L25E1 x L25E2 \$0.44031 \$0.48 Train - Off Branch Cost per Train Mile - Indices 1.004 1.1 Crew Wages per Train Mile - Indices 1.004 1.004 1.1 Crew Wages per Train Mile - Indices 1.004 1.004 1.1 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.004 Operating - Base Other Cost per Train Mile - Indices 1.004 1.0004 Operating - Base Other Cost per Train Mile - Indices 1.000 1.0004 Operating - Base Other Cost per Train Mile - Indices 1.00004 Operating - Base Other Cost per Train Mile - Indices 1.000000000000000000000000000000000000	25D1	Cost per LUM: Operating -	E1L105C1	\$3.93921	\$3.93921
Cost per LUM: Operating - Indices 1,004 Index		Base			
Cost per LUM: Operating - L26D1 x L25D2 \$3.95617 \$4.37 Indexed	22D2	Cost per LUM: Operating - Index	Indices	1.004	1.110
Cost per LUM: Depr Rents & E1L105C2 \$0.43842 \$0.43842	25D	Cost per LUM: Operating -	L25D1 x L25D2	\$3.95617	\$4.37298
Loss per LUM: Depr Rents & Indices Cost per LUM: Depr Rents & L25E1 x L25E2 Cost per LUM: Depr Rents & L25E1 x L25E2 Cost per LUM: Depr Rents & L25E1 x L25E2 Cost per LUM: Depr Rents & L25E1 x L25E2 Crew Wages per Train Mile - E1L104C1 Base Crew Wages per Train Mile - L25G1 x L25G2 Crew Wages per Train Mile - L25G1 x L25G2 Crew Wages per Train Mile - L25G1 x L25G2 Crew Wages per Train Mile - L25G1 x L25G2 Cher Cost per Train Mile - L25H1 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher Cost per Train Mile - L25H2 x L25H2 Cher C	Ì	Indexed			9
Cost per LUM. Depr Rents & Indices Leases - Index Cost per LUM. Depr Rents & L25E1 x L25E2 Leases - Indexed Weighted Average Locos per Way/Thru L15 Train - Off Branch Crew Wages per Train Mile - E1L104C1 Base Grew Wages per Train Mile - Indices Indexed Other Cost per Train Mile: E1L104C1 Operating - Base Other Cost per Train Mile: E1L103C1 Operating - Indexed Other Cost per Train Mile: L25G1 x L25G2 Other Cost per Train Mile: L25H1 x L25H2 Operating - Indexed Other Cost per Train Mile: E1L103C2 Other Cost per Train Mile: E1L25H1 x L25H2 Other Cost per Train Mile: E1L25H1 x L25H2 Other Cost per Train Mile: E1L103C2 Other Cost per Train Mile: E1L103C3 Other Cost per Train	25E1	Cost per LUM: Depr Rents &	E1L105C2	\$0.43842	\$0.43842
Leases - Index Cost per LUM: Depr Rents & L25E1 x L25E2 Leases - Indexed Weighted Average Locos per Way/Thru L15 Train - Off Branch Crew Wages per Train Mile - E1L104C1 \$8.31057 \$8.31 Base Crew Wages per Train Mile - Indices Indexed Other Cost per Train Mile - L25G1 x L25G2 \$8.34635 \$9.22 Indexed Other Cost per Train Mile: E1L103C1 \$0.255419 Operating - Index Other Cost per Train Mile: E1L103C2 \$0.25528 \$0.256 Operating - Indexed Other Cost per Train Mile: E1L103C2 \$0.00081887 \$0.00081 Depr Rents & Leases - Base Other Cost per Train Mile: E1L103C2 \$0.00081887 \$0.00081 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.00 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.00 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.00 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.00 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.00 Average Train GTM: Non-ROI ((L25A + L25B) x L25C + \$0.00082 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088 \$0.00 L25D + L25E) x L25C + \$0.00088	25E2	Cost per LUM: Depr Rents &	Indices	1.004	1.110
Cost per LUM: Depr Rents & L25E1 x L25E2 Leases - Indexed Wedginted Average Locos per Way/Thru L15 Train - Off Branch Crew Wagges per Train Mile - E1L104C1 Base Crew Wagges per Train Mile - E1L104C1 Crew Wagges per Train Mile - L25G1 x L25G2 Crew Wagges per Train Mile - L25G1 x L25G2 Crew Wagges per Train Mile - L25G1 x L25G2 Crew Wagges per Train Mile - L25G1 x L25G2 Crew Wagges per Train Mile - L25G1 x L25G2 Crew Wagges per Train Mile - L25G1 x L25G2 Crew Wagges per Train Mile - L25G1 x L25G2 Crew Wagges per Train Mile - L25G1 x L25H2 Coperating - Indexed Cuther Cost per Train Mile - L25H1 x L25H2 Coperating - Indexed Cuther Cost per Train Mile - L25G1 x L25G2 Cuther Cost per Train Mile - Indices Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H1 x L25H2 Cuther Cost per Train Mile - L25H2 Cuther Cos		Leases - Index		,	
Vegighted Average May/Thru L15 3.39569 Vegighted Average Locos per Vajor Vegighted Average Nickes Way/Thru L15 \$8.31057 \$8.31 Train - Off Branch Crew Wages per Train Mile - Indices Indices 1.004 1.004 1.004 Crew Wages per Train Mile - Indices L25G1 x L25G2 \$8.34635 \$9.25 Indexed Operating - Base Other Cost per Train Mile: Indices Indices 1.004 1.004 Operating - Indexed Other Cost per Train Mile: Indexed Other Cost per Train Mile: Indices E1L103C2 \$0.00081887 \$0.00081 Other Cost per Train Mile: Indexed Other Cost per Train Mile: Indices L25H x L25H2 \$0.00081887 \$0.00081 Depr Rents & Leases - Base Other Cost per Train Mile: Indices L25H x L25H2 \$0.00082 \$0.00 Depr Rents & Leases - Index Other Cost per Train Mile: Indices L25H x L25H2 \$0.00082 \$0.00 Average Miles Between I/I E2L1XXC23 200 \$0.0008B \$0.00 Average Miles Between I/I E2L1XXC23 200 \$0.77	25E	Cost per LUM: Depr Rents &	L25E1 x L25E2	\$0.44031	\$0.48670
Train - Off Branch Crew Wages per Train Mile - E1L104C1 \$8.31057 \$8.31 Base Grew Wages per Train Mile - Indices Index Crew Wages per Train Mile - L25G1 x L25G2 \$8.34635 \$9.22 Index Crew Wages per Train Mile - L25G1 x L25G2 \$8.34635 \$9.25 Indexed Other Cost per Train Mile: E1L103C1 \$0.25419000 \$0.25419 Operating - Base Other Cost per Train Mile: L25H1 x L25H2 \$0.25528 \$0.28 Other Cost per Train Mile: E1L103C2 \$0.00081887 \$0.00081 Other Cost per Train Mile: E1L103C2 \$0.00081887 \$0.00081 Other Cost per Train Mile: L25H1 x L25H2 \$0.00081887 \$0.00081 Other Cost per Train Mile: L25H x L25E2 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.00082 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.00082 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.00082 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.00082 \$0.000 Other Cost per Train Mile: L25H x L25E2 \$0.00082 \$0.000 Other Cost per Train Mile: L25H x L25E3 x L25E	25F	Leases - Indexed Weighted Average Locos per		3,39569	•
Crew Wages per Train Mile - Indices 1.004		Train - Off Branch			
Crew Wages par Train Mile	25G1	Crew Wages per Train Mile -	E1L104C1	\$8.31057	\$8.31057
Crew Wages par riain Mile	00	Base		700,	•
Crew Wages per Train Mile - L25G1 x L25G2	7963	Crew wages per rrain mile - Index	ITOICES	400.F	<u> </u>
Other Cost per Train Mile: E1L103C1 \$0.25419000 \$0.25419	25G	Crew Wages per Train Mile -	L25G1 x L25G2	\$8.34635	\$9.22570
Operating - Base	2007			90 25440000	0000174
Other Cost per Train Mile: Indices Operating - Index Operating - Index Operating - Index Operating - Indexed Operating - Indexed Other Cost per Train Mile: L25H1 x L25H2 \$0.25528 \$0.28 Operating - Indexed Other Cost per Train Mile: E1L103C2 \$0.00081887 \$0.00081 Depr Rents & Leases - Base Other Cost per Train Mile: Indices Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.000 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Lases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Lases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Lases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Lases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Lases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$0.000 Depr Rents & Lases - Index Other Cost per Train Mile: L25I1 x L25I2 \$0.00082 \$	i Hes	Oner Cost per Train Mile: Operating - Base	EILIUSCI	\$0.25419000	\$0.23419000
Operating - Index \$0.25528 \$0.28 Other Cost per Train Mile: L25H1 x L25H2 \$0.00081887 \$0.00081 Operating - Indexed Other Cost per Train Mile: E1L103C2 \$0.00081 \$0.00081 Depr Rents & Leases - Base Other Cost per Train Mile: Indices 1.004 1. Other Cost per Train Mile: L2511 x L2512 \$0.00082 \$0.00 Depr Rents & Leases - Index Other Cost per Train Mile: L2514 x L2512 \$0.00 Depr Rents & Leases - Indexed Average Train GTM: Non-ROI ((L25A + L25B) x L25F + L25G) \$0.00698 \$0.00 Average Miles Between I/I E2L1XXC23 200 200 Switches 5 of 7 5 of 7	25H2	Other Cost per Train Mile:	Indices	1.004	1.110
Other Cost per Train Mile: L25H1 x L25H2 \$0.25528 \$0.28 Operating - Indexed Cother Cost per Train Mile: E1L103C2 \$0.00081887 \$0.00081 Other Cost per Train Mile: Indexed 1.004		Operating - Index			
Other Cost per Train Mile: E1L103C2 \$0.00081887 \$0.00081 Other Cost per Train Mile: Indices	25H	Other Cost per Train Mile:	L25H1 x L25H2	\$0.25528	\$0.28218
Other Cost per Irain Mile: E1L103C2 \$0.00081887 \$0.00081 Depr Rents & Leases - Base Other Cost per Train Mile: Indices Depr Rents & Leases - Index Other Cost per Train Mile: L2511 x L2512 \$0.00082 \$0.00 Depr Rents & Leases - Index Other Cost per Train Mile: L2511 x L2512 \$0.00082 \$0.00 Depr Rents & Leases - Index Indexed Average Train GTM: Non-ROI ((L25A + L25B) x L25C + \$0.00698 \$0.00 (L25D + L25E) x L25F + L25G Average Miles Between I/I E2L1XXC23 200 Switches	j	Operating - Indexed			
Other Cost per Train Mile: Indices Other Cost per Train Mile: L25I1 x L25I2 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 Depr Rents & Leases - Index Other Cost per Train Mile: L25I1 x L25I2 Average Train GTM: Non-ROI ((L25A + L25B) x L25C + \$0.00698 \$0.00 (L25D + L25E) x L25F + L25G Average Miles Between I/I E2L1XXC23 Switches	LIC2	Other Cost per Train Mile: Denr Rents & Leases - Base	E1L103C2	\$0.00081887	\$0.00081887
Depr Rents & Leases - Index Other Cost per Train Mile:	2512	Other Cost per Train Mile:	Indices	1.004	1.110
Other Cost per Train Mile: L25/1 x L25/2 \$0.00082 \$0.000 Depr Rents & Leases - Indexed Average Train GTM: Non-ROI ((L25A + L25B) x L25C + \$0.00698 \$0.00 (L25D + L25E) x L25F + L25G + L25H + L25I) / L25C Average Miles Between I/I E2L1XXC23 200 Switches		Depr Rents & Leases - Index			
Indexed		Other Cost per Train Mile:	L2511 x L2512	\$0.00082	\$0.00091
Average Train GTM: Non-ROI ((L25A + L25B) x L25C + \$0.00698 \$0.00 (L25D + L25E) x L25F + L25G + L25G + L25H + L25I) / L25C Average Miles Between I/I E2L1XXC23 200 Switches	_	Depr Rents & Leases - Indexed			
(L25D + L25E) × L25F + L25G	25J	Average Train GTM: Non-ROI	((L25A + L25B) x L25C +	\$0.00698	\$0.0000
Average Miles Between I/I E2L1XXC23 200 Switches 5 of 7		-	(L25D + L25E) x L25F + L25G		
7 10 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	26A	Average Miles Between I/I Switches	E2L1XXC23	200	200
5 of 7			-		٠
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Base Year	2009					-	\$0.00009500 \$0.02463	\$0.35471 \$21.65288	\$29.48444	.25285 .64492	16123	5864	245	<u> </u>	220		630	8	8	200			- T	Г
\$0.00081 \$0.00081	209	\$0.32061 \$1.28984	\$0.32061 \$1.28984	2591	11	စ္				\$ 28	\$0.1	\$0.1	\$0.07	\$55.40 \$25.74	\$21.29		\$0.32	\$0.05	31.40	0.50	7007	Hopper-Co	Car Ty	orecast Year
<u> </u>	,			\$0.0 \$0.2	\$0.00	\$0.0000669	\$0.00009500	\$0.35471 \$67.71605	\$91.47636	\$89.67041 \$0.64492	\$0.16123	\$0.15864	\$0.50405	\$50.11991 \$23.29386	\$19.26570		\$0.73841	\$0.04813	31.40000	0.50000	700 54050		Type 1	
Source/Formula L22L / L26A E2L1XXC13 E2L1XXC13 E2L1XXC13 E2L1XXC14 (L9B x L22A x L22E x L22F) + (L17B x L22G x L22H) + (L17B x L22F) - (L17C x L22F) / L8 (L26B + L26F + (L22M / 200)) + (L26B x L25L) x L24B L24C x L21B L26C x L21B L26C x L21B L21 x L21B L21 x L31A (L12N x 2 + L31B) x L24D L23B x L31A (L12N x 2 + L31B) x L24D L21 x L31A (L12N x 2 + L31B) x L24D L21 x L31A (L12N x 2 + L31B) x L26F + L34C) / L26C L21 x L31A (L34A x L25C + L34B x L25F + L34C) / L26C L21 x L31A / L26A (L34A x L25C + L34B x L25F + L34C) / L26C L21 x L31A / L26A L25C x L31B			+L34C) / L25C L22 x L31A / L26A (L35A + L12N / L26C + (L26D x L12N / 200 +L26E x (L34A x L25C + L34B x L25F + L34C) /L25C) x L24D	(L34A x L25C + L34B x L25F	E1L103C3	E1L101C3 E1L105C3	L12N L24B×L31A (L24A×L12N+L33A)×L24D	L23A x L32A + L23A x L23D x	(L12N × 2 + L31B) × L24D L23B × L31A	L221 x L31A	x L21B E1L111C3	L20E +(L26B + L26E x L25J)	L23A × L23C + L22B L24C × L21B	L22L x L21B + L22B + L22N	L26C) + (L26D x (L22M / 200)) + (L26E x L25J)) x L24D	(L17B x L22F) - (L17C x L22F)) / L8 (L26B + L26F + (L22M /	((L9B x L22A x L22E x L22F)	E2L1XXC1	E2L1XXC13				<u>@</u>	
Line Own Item Line Own Item Ill Switching per Car Mile: Non-ROI Running Miles per Day 26D Car Days per I/I Switch 26E Running Miles per Day Car Days per I/I Switch 26F Tare Tons per Car Average Non-ROI Cost per Car Mile Car Mile Car Mile Car Mile Cost per Car Mile Cost per Car Mile Switch Engine Minutes - ROI Exp Unit Cost I/I Switching: ROI Syl		Modified Terminal: ROI Normal Terminal: ROI	Modified Terminal: ROI Normal Terminal: ROI	I/I Switch per Car Mile: ROI Car Mile Cost: Average ROI Cost per Car Mile	Ton Mile: ROI	Other Cost per Train Mile: ROI	Cost per GTM: ROI Cost per LUM: ROI	I/C Switch Cost: ROI I/C Terminal: ROI	Normal Terminal: ROI	Modified Terminal: ROI O/D Switching: ROI	Exp Unit Cost I/I Switching: ROI	Switch Engine Minutes - ROI	Car Mile Costs: Non-ROI	Normal Terminal: Non-ROI I/C Terminal: Non-ROI	Modified Terminal: Non-ROI	ROI Cost per Car Mile	Car Mile Cost: Average Non-	Average Non-ROI Cost per	Tare Tons per Car	Car Days per I/I Switch	Non-ROI	Item		sts - Freight Car
20 RR RR RR P V V V V V V V V V V V V V V		<u> </u>	<u>\$</u> ≥	&				R	R	X			. ₹	<u>8</u>	₹		&					8		anch Co
	17	## 000	% % () () ()		34D	34C	34A 34B	33A 33B	32B	31C 32A	318	31A	30	8 8	72		26G	26F	26E	2 <u>6</u> 2				Off-Bra

* \$ } }

Off-Br	anch Co	Off-Branch Costs - Freight Car		Base Year Forecast Year	Forecast Year
				Car Type 1	Car Type 1
Line	Š	Line Own Item	Source/Formula	Hopper-Covered	Hopper-Covered
88 88	₽	I/C Terminal: ROI	L33A x L21B	\$0.70534	\$0.70534 \$0.70534
39	₹	Ton Mile: ROI	L34D		\$0.0000
4	≥	Car Mile Cost: ROI	(L35A + L26E x (L34A x L25C	\$0.00853	\$0.0000
			+ L34B x L25F + L34C) /		
			L25C) x L21B		

Off-Br	Off-Branch Costs - Way/Thru		Base Year	Forecast Year
	•		pe 1	Car Type 1
			Hopper-	Hopper-
Line	Item	Source/Formula	Covered	Covered
-	Average Miles/Car in Way Train	E2L201C1	11.59395	11.59395
8	Circuity Average	E2L101C7 through E2L116C7	1.143	1.143
က	Circuity Factor	E2L101C6 through E2L116C6	1.154	1.154
4	Empty/Loaded Ratio	E2L101C4 through E2L116C4	2.15042	2.15042
ις.	Way Train Miles per Local to Road Terminal	(L1 / L2) x (L3 / L4)	5.44337	5.44337
ဖ	Loaded Miles - Way Train - Off-Branch	L5 x (Input RR Local Carloads + Input PV Local Carloads)	2,035.8204	•
7	Loaded Miles - Thru Train Off-Branch	Input RR Off-Branch Car Miles + Input PV Off-Branch Car Miles - L6	577,883.2	•
&	Percentage Way Train	L6 / (Input RR Off-Branch Car Miles + Input PV Off-Branch Car Miles)	0.0035	
o	Percentage Thru Train	L7 / (Input RR Off-Branch Car Miles + Input PV Off-Branch Car Miles)	0.9965	. •
9	Average Train Tons - Thru	E21213C1	5,327	5,327
- 2	Average Train Tons - Way Weighted Average Train Tons - Off-Branch	E2L212C1 ; (L10 x L9) + (L11 x L8)	1,960 5,315.2	1,960
5	Average Locomotives per Train - Way	E2L209C1	2.04614	2.04614
4	Average Locomotives per Train - Thru	E2L210C1	3.40043	3.40043
2	Weighted Average Locomotives per Train - Off Branch	(L8 x L13) + (L9 x L14)	3.39569	•

Kolla	Kona i fatic tol dass penod; apr zuvo • mar zuvi		- PER 2000	· MAK 2007			!			((į		
					BNS		BNST			5						5	5		
					Ö	BNSF Orig	Dest	BNSF Dest	Local/Interch	Branch	Off-Branch	Total	Local	Lading	Gross	Branch	Branch	Off-Branch	Total
<u> </u>	Car Type	Š	STCC	Commodity	State		State	Ç	ange N	Miles/Unit	Miles/Unit	Cuits	Units	Tons			Car-Miles	GTMs	Revenue
52	Hopper-Covered	r Rail	113710	Wheat	₽	Rolla	¥	Minneapolis	Interchange	17.75	454.25	12			1,569	213	5,451	712,718	\$27,726
52 T	Hopper-Covered	Rail	113710	Wheat	2	Rolla	Z	Minneapolis	Local	17.75	454.25	7	7		913	124	3,180	414,730	\$18,984
83	Hopper-Covered	Rail	113710	Wheat	2	Rolla	Š	Kansas City	Local	17.75	898.25	7	7		2,736	373	18,863	2,457,612	\$72,147
7	topper-Covered	J Rail	113710	Wheat	9	Rolla	õ	North St Louis	Local	17.75	1,058.25	20	8		2,613	322	21,165	2,765,207	\$71,206
55	Hopper-Covered	Rail	113710	Wheat	2	Rolla	9	Grand Forks	Local	17.75	137.25	17	17		2,216	305	2,333	304,146	\$21,335
98	Hopper-Covered	Rail	113710	Wheat	₽	Rolla	R	Portland	Local	17.75	1,434.25	9	9		982	107	8,606	1,127,321	\$29,361
57 H	Hopper-Covered	Rail	113710	Wheat	₽	Rolla	R	River Gate	Local	17.75	1,429.25	∞	c		1,046	142	11,434	1,494,996	\$39,040
_	Hopper-Covered	Rail	113710	Wheat	2	Rolla	ř	Ft Worth	Interchange	17.75	1,448.25	19			2,478	337	27,517	3,588,764	\$81,225
_	Hopper-Covered	- Rail	113710	Wheat	2	Rolla	×	Seattle	Local	17.75	1,379.25	Ŧ	£		1,435	195	15,172	1,979,224	\$50,853
8 T	Hopper-Covered	Rail	113710	Wheat	2	Rolla	×	Тасота	Local	17.75	1,419.25	S	ß		653	8	2,096	926,770	\$23,885
_	Hopper-Covered	Rall	113710	Wheat	2	Rolla	×	Vancouver	Local	17.75	1,423.25	5	5		1,959	5 9	21,349	2,788,147	\$73,200
Ξ	Hopper-Covered	- Rail	113710	Wheat	9	Rolla	₹	Superior	Local	17.75	431.25	5	16		2,088	78	006'9	900,450	\$39,440
£	Hopper-Covered	Rail	113720	Durum Wheat	₽	Rolla	Z	Hinckley	Local	17.75	484.25	7	7		912	124	3,390	441,636	\$18,208
_	Hopper-Covered	Rail	113720	Durum Wheat	2	Rolla	₹	Superior	Local	17.75	431.25	22	24		7,449	1,012	24,581	3,212,381	\$142,119
	Hopper-Covered	Rall	114210	Flaxseed	2	Rolla	2	West Fargo	Local	17.75	214.25	5	2		1,211	178	2,143	259,457	\$13,928
98	Hopper-Covered	Rall	114210	Flaxseed	g	Rolla	¥	Seattle	Local	17.75	1,379.25	~	7		228	98	2,759	357,226	\$8,134
- L	Hopper-Covered	Rail	114210	Flaxseed	2	Rolla	₹	Superior	Local	17.75	431.25	8	8		2,454	322	8,625	1,058,288	\$38,489
88	Hopper-Covered	Rail	114410	Soybeans	2	Rolla	Z	Duluth	Local	17.75	435.25	က	က		88 88	83	1,306	168,877	\$5,802
69	Hopper-Covered	Rall	2871236	Monoammoniur TX	בַ	Houston	2	Rolla	Local	17.75	1,707.25	9	9		780	107	10,244	1,331,655	\$26,294
Total T	Hopper-Covered	1 Private	ا									130	74 1		6,578	2,308	114,593	14,577,854	\$417,835
_	Hopper-Covered	Rail										519	300	50,306 6	9,650	9,212	466,138	59,748,542	\$1,683,551
,	Total											649	374 6	62,879 8	33,228	11,520	580,730	74,326,395	\$2,101,386
•																			

Off-Br	Off-Branch Costs - Inputs	Base Year	Forecast Year
	•	Car Type 1	Car Type 1
Š	Item	Hopper-Covered	Hop
똢	Total Carloads	613	٠
	Local Carloads	000	•
	On-Branch Car Miles	10.86	•
	Off-Branch Car Miles	465,489	•
	Off-Branch GTMs	67769988875	•
≥	Total Carloads	NO.	•
	Local Carloads		•
	On-Branch Car Miles	(0/L) /C//	•
	Off-Branch Car Miles	200 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m	•
	Off-Branch GTMs	44.5574154	•
Total	Total Carloads	649	•
	Local Carloads	374	•
	On-Branch Car Miles	12,331	•
	Off-Branch Car Miles	579,919	•
	Off-Branch GTMs	74.222.360	•

Off-Branch Costs - Indices

Period	2006	APR 2006 - MAR 2007	JAN 2011 - DEC 2011	Index	1.587	1.594	1.762	7007	5 .	1.110
Item	Data Year	Base Year	Forecast Year	Item	Data Year PPI	Base Year PPI	Forecast Year PPI	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Data to pase	Data to Forecast

Global Insights Forecast of Producer Price Index-Finished Goods Other Than Food & Energy

_	2006	2006	2006	2006	2007	2007	2007	2007	2011	2011	2011	2011
_	ā	05	ဗ	8	δ	05	ဗ	8	2	8	Ö	8

Year Quarter Index

Off-Branch Costs - Cost of Capital

	Tax	Rate	13.59% 1.38%	14.97%	37.00% 4.68%	%00.0	4.68%
	Weighted	Cost	8.56% 1.38%	9.94%	2.95%	0.00%	2.95%
	Capital	Structure	23.05% 23.05%		76.95%	23.05%	
Deflated	After-Tax	Cost	11.13%		3.84%	0.00%	
	GDP	Deflator	%00:0		7.02%	7.02%	
2006	After-Tax	Cost	362110		11.13%	2.97%	
		Item	inal Common Equity Debt	Overall	Common Equity	Debt	Overall
		Туре	Nominal		Real		

GDP Deflator Calculation

Deflator (Nominal to Real)

GDP	Deflator	7.02%
ဗ	2010	111.082
8	2010	110.488
5	2010	109.952
Full-Year	2006	103.257
		Index

Data Sources

2006 After-Tax Cost of Capital and Capital Structure from STB Ex Parte No. 558 (Sub-No. 10) Railroad Cost of Capital - 2006, 4/14/08
 GDP Deflator Indices from Bureau of Economic Analysis National Income and Product Accounts Implicit Price Deflators for Gross Domestic Product - Table 1.1.9.
 Combined federal and state tax rate of 37% is used.

Off-Branch (Costs - Loss & Damage	Base Year			Forecast Year		
		Data to			Data to	Base to	
		Base Index 1.004		Ĭ	Base Index 1 110	Forecast Index	
	URCS			l			
STCC 01	Cost/Ton \$0.0605	Cost/Ton \$0.0607	Tons	Total Cost \$0	Cost/Ton \$0.0671	Tons	Total Cost
0113	\$0.0605 \$0.0264	\$0.0265	-	\$0 \$0	\$0.0293	-	\$0 \$0
01195	\$3 6800	\$3.6958	-	\$0	\$4.0852	-	\$0
012	\$0.3023	\$0 3036	-	\$0	\$0.3356	-	\$0
013 10	\$0.6030 \$0.0470	\$0.6056	-	\$0 5 0	\$0 6694	-	\$0 \$0
11	\$0 0170 \$0.0030	\$0.0170 \$0 0030	81,311	\$ 0 \$24 6	\$0.0188 \$0.0033	-	\$0 \$0
14	\$0.0062	\$0.0062	-	\$0	\$0 0069	-	\$0
20	\$0.1128	\$0.1133	-	\$0	\$0 1252	-	\$0
2011 202	\$0.0000 \$0.2620	\$0.0000 \$0.2631	•	\$0 \$0	\$0 0000 \$0 2908	•	\$0 \$0
203	\$0.6120	\$0.2031 \$0 6147	-	\$0	\$0 6794	-	\$0
204	\$0.0315	\$0.0316	-	\$0	\$0 0349	-	\$0
2041	\$0.0329	\$0.0331	-	\$0	\$0 0365	-	\$0
2042 2043	\$0 0034 \$0 1380	\$0.0035 \$0.1386	-	\$0 \$0	\$0.0038 \$0.1532	-	\$0 \$0
2044	\$0.1828	\$0.1835	-	\$0 \$0	\$0.2029	•	\$0
2045	\$ 0 3797	\$0.3814	-	\$0	\$0.4215	-	\$0
2046	\$0.0134	\$0.0135	-	\$0	\$0.0149	-	\$0
2062 20821	\$0.0279 \$0.2131	\$0.0281 \$0.2140	-	\$0 \$0	\$0.0310 \$0.2366	-	\$0 \$0
2084	\$0.2131 \$0.8449	\$0.2140 \$0.8486	-	\$0 \$0	\$0.2300 \$0.9380	-	\$0
20851	\$0.1533	\$0.1540	- '	\$0	\$0.1702	-	\$0
209	\$0.0494	\$0.0496	-	\$0	\$0 0548	-	\$0
21 24	\$0.0000 \$0.0641	\$0.0000 \$0.0644	-	\$0 \$0	\$0.0000 \$0 0711	-	\$0 \$0
2421	\$0.0041	\$0.0700	-	\$0 (\$0.0773	-	\$0
2432	\$0 0749	\$0.0752	•	\$0	\$0.0832	-	\$0
25	\$1 0151	\$1.0194	-	\$0	\$1 1268	-	\$0
26 26211	\$0.2684 \$0 3864	\$0.2695 \$0 3880	-	\$0 \$0	\$0.2979 \$0.4289	<u>-</u>	\$0 \$0
26213	\$0.4507	\$0 3530 \$0 4526	-	\$0 \$0	\$0.5003	<u>.</u>	\$0 \$0
263	\$0 2478	\$0 2489	-	\$0	\$0 2751	-	\$0
264	\$0 1435	\$0.1441	•	\$0	\$0 1593	•	\$0
26471 28	\$0.1230 \$0.0512	\$0 1235 \$ 0.0514	- 1,670	\$0 \$86	\$0 1365 \$0.0568	• -	\$0 \$0
281	\$0.0312	\$0.0314	247	\$2	\$0.0907	-	\$0
2812	\$0.0278	\$0.0279	-	\$0	\$0.0309	-	\$0
282	\$0.1427	\$0.1434	-	\$0	\$0.1585	-	\$0
289 29	\$0 0439 \$0 0056	\$0.0440 \$0.0056	-	\$0 \$0	\$0.0487 \$0.0062	-	\$0 \$0
30	\$0 1217	\$0.1223	-	\$0	\$0.1351	-	\$0
301	\$0.1345	\$0.1351	-	\$0	\$0 1493	-	\$0
32	\$0.0281	\$0.0282	-	\$0	\$0.0311	-	\$0
321 3295	\$0.0800 \$0 0354	\$0.0803 \$0.0356	-	\$0 \$0	\$0.0888 \$0.0393	-	\$0 \$0
33	\$0 0345	\$0.0350 \$0.0347	-	\$0 \$0	\$0 0383	-	\$0
3312	\$0 0349	\$0.0350	-	\$0	\$0 0387	-	\$0
3352	\$0 1129	\$0.1133	-	\$0	\$0 1253	•	\$0
34 344	\$0 2944 \$1 3789	\$0.2957 \$1 3848	-	\$0 \$0	\$0 3268 \$1.5308	-	\$0 \$0
35	\$0.5652	\$0 5676	-	\$0 \$0	\$1.5306 \$0 6274	-	\$0 \$0
351	\$0.0000	\$0.0000	-	\$0	\$0 0000	-	\$0
352	\$2.4299	\$2.4403	-	\$0	\$2 6974	-	\$0
353 36	\$0.0538 \$0 6748	\$0 0541 \$0.6777	<u>-</u>	\$0 \$0	\$0 0597 \$0.7491	-	\$0 \$0
361	\$4 9571	\$4 9785	•	\$0	\$5.5030	-	\$0
363	\$0.2053	\$0.2062	-	\$0	\$0.2279	-	\$0
365 37	\$6.5651 \$1.3006	\$6.5933 \$1.3063	-	\$0 \$0	\$7.2880 \$1.4438	-	\$0 \$0
37 37111	\$1 3006 \$1 6142	\$1.3062 \$1.6212	-	\$0 \$0	\$1.4438 \$1.7920	-	\$0 \$0
37112	\$2.1043	\$2.1134	•	\$0	\$2.3361	-	\$0
3714	\$0 1764	\$0 1772	-	\$0	\$0.1958	-	\$0
44 45	\$0 0348 \$0.0690	\$0.0349 \$0.0603	-	\$0 \$0	\$0 0386 \$0 0766	-	\$0 \$0
46	\$0.0090 \$0.0913	\$0.0693 \$0.0917	-	\$0 \$0	\$0.0766 \$0.1014	-	\$0 \$0
461	\$0.0911	\$0 0915	-	\$0	\$0 1012	-	\$0
48	\$0.0034	\$0.0034		\$0	\$0 0038	-	\$0
XX	\$0.0378	\$0.0380		\$0	\$0 0420		\$0

414. RENTS FOR INTERCHANGED FREIGHT TRAIN CARS AND OTHER FREIGHT CARRYING EQUIPMENT (Dollars in Thousands)

equipment relating to the interchange of railroad owned or leased equipment and privately owned -. ∽

The gross amounts recoverable and payable for freight-train cars (line 19, columns (b) through (d), and line 19, columns (e) through (g), respectively) should belance with Schedule 410, column (f) lines 231 (credits) and 230 (debtis). Trailer and container rentals in this schedule are included in Schedule 410, column (f) lines 3315 and 316. However, the trailer and container rentals in this schedule are included in Schedule 410, column (f) lines 315 and 416, column (f). The balancing of Schedules schedules 410, 414, and 415 "Other Equipment" is outlined in note 6 to Schedule 415

Report in columns (b) and (e) rentals for private-line cars (whether under railroad control or not) and shipper owned cars.
Report in columns (c), (d), (f), and (g) rentals for railroad owned cars prescribed by the Board in Ex Part No. 334, for which rentals are settled on a combination mileage and time basis (basic per dem) Include railroad owned per diem tank cars on line 17

NOTE. Mechanical designations for each car type are shown in Schedule 710.

ŀ								٦
		GROS	GROSS AMOUNTS RECEIVABLE	IVABLE	GRO	GROSS AMOUNTS PAYABLE	BLE	
			Per Diem Basis			Per Diem Basis		
e :	Cross Type of Equipment	Private	Mileage	Тіте	Private	Mileage	Time	Line
o S	Check (a)	Line Cars (b)	9	(Đ	Line Cars (e)	e	6	£
H	CAR TYPES							
1	Box - Plain 40 Foot					-		-
2	Box - Plain 50 Foot and Longer			2	8,540	1,359	3,049	2
3	Box - Equipped		3,555	11,629	11,917	14,717	36,629	က
4	Gondola - Piam		493	445	1,451	909	1,018	4
5	Gondola - Equipped		1,701	6,001	4	5,273	10,527	2
9	Hopper - Covered		14,170	27,989	11,785	6,984	19,488	9
7	Hopper - Open Top - General Service		995	3,427		1,435	2,374	7
8	Hopper - Open Top - Special Service		21.6	1,217	6	515	295	8
6	Refrigerator - Mechanical		1,539	4,566	3	526	516	6
10	Refrigerator - Nonmechanical		1,950	4,234	(6)	1,231	2,023	10
11	Flat - TOFC/COFC		9,321	32,131	177,157	10,776	27,759	=
12	Flat - Multi-Level		1,182	2,172	24,825	2,811	5,040	12
13	Flat - General Service		8	18	87	100	131	13
14	Flat - Other		1,718	3,957	29,402	7,521	16,376	14
15	Tank - Under 22,000 Gallons			10	5,752			15
9	Tank - 22,000 Galtons and Over		2	18	2,522			16
17	All Other Freight Cars		43	163	25	71	1,084	17
18	Auto Racks			674	15,939		801	18
19	TOTAL FREIGHT TRAIN CARS		37,655	98,653	289,409	53,561	127,382	18
_	. OTHER FREIGHT CARRYING EQUIPMENT						,	
8	Refrigerated Trailers							8
2	Other Trailers			40,000	9,393		4,494	21
22	Refrigerated Containers							22
23	Other Containers							23
24	TOTAL TRAILERS AND CONTAINERS			40,000	9,393		4,494	24 8
22	GRAND TOTAL (Lines 19 and 24)		37,655	138,653	298,802	53,561	131,878	25

		415. SUPPORTIN			ad Illidais. Di45		
_		(Doi	lars in Thousands) I	Depre	eletion	Amortization	1
Line	Cross	Times of equipment	Banaim	Owned	Capitalized		Line
No.		Types of equipment	Repairs	Owned	•	Adjustment net	1
NO.	Check	(a)	(net expense) (b)	(a)	lease (d)	during year (e)	No.
			(0)	(c)	(4)	(6)	-
		LOCOMOTIVES		-4-			1
1 2		Diesel Locomotives - Yard	29,811	515 81,562	£2.097		2
3		Diesel Locomotives - Road Other Locomotives - Yard	566,403		52,087		3
4		Other Locomotives - Yard Other Locomotives - Road		3,532			4
5	*	TOTAL LOCOMOTIVES	506 044	85,609	E2 097		5
-3		FREIGHT TRAIN CARS	596,214	800,00	52,087		
6		Box - Plain 40 foot		1			6
7		Box - Plain 40 foot Box - Plain 50 foot and longer	1,980	258			7
8		Box - Equipped	23,539	2,776			8
9		Gondola - Plain	23,539 46,958	1,833			9
10		Gondola - Frain	15,579	2,338			10
11							11
12		Hopper - Covered	69,267	13,036		<u> </u>	12
13		Hopper - Open Top - General Service	14,641	2,988			13
14		Hopper - Open Top - Special Service	15,269	967 466			14
15		Refrigerator - Mechanical	4,115 2,752	2,644			15
16	-	Refrigerator - Nonmechanical Flat - TOFC/COFC		45			16
17		Flat - Multi-level	18,311 154	511			17
18		Flat - General Service	5,041	45			18
19		Flat - Other	18,374	2,001			19
20		All Other Freight Cars	24,768	139			20
21		Cabooses	24,766	131			21
22		Auto Racks	- "	4,418			22
23		Miscellaneous Accessories	77	553			23
24	*	TOTAL FREIGHT TRAIN CARS	260,902	35,150			24
		OTHER EQUIPMENT - REVENUE FREIGHT	200,902	33,130			
		HIGHWAY EQUIPMENT			1		
25		Refrigerated Trailers	3,542		•		25
26		Other Trailers					26
27		Refrigerated Containers	3,893				27
28	-	Other Containers	2.050	383			28
29		Bogies	3,659	303			29
30		Chassis	11,679	(1,247)			30
31	-	Other Highway Equipment (Freight)	679	72	<u> </u>		31
32	•	TOTAL HIGHWAY EQUIPMENT	23,452	(792)			32
-52		FLOATING EQUIPMENT - REVENUE SERVICE	23,432	(192)			-
33		Marine Line-Haul				,	33
34		Local Manne					34
35	•	TOTAL FLOATING EQUIPMENT					35
		OTHER EQUIPMENT			<u> </u>		
36		Passenger & Other Revenue Equipment					36
30	•		E 227				30
37	•	(Freight Portion) Computer Systems & Word Processing Equip.	5,327	52 582		-	37
	•	Machinery - Locomotives (1)	922	53,563			38
38			3,349	4,516			
39	•	Machinery - Freight Cars (2)	1,946	2,615			39
40	-	Machinery - Other Equipment (3) Work and Other Nonrevenue Equipment	109	792 20,659	00 400		40
41 42		TOTAL OTHER EQUIPMENT	11,659	82,145	28,133	_	41
42		TOTAL OTHER EQUIPMENT TOTAL ALL EQUIPMENT (FREIGHT PORTION)	23,312 903,880	202,112	28,133 80,220		43
73		TOTAL ALL EQUIPMENT (FREIGHT FOR HON)	803,000	202,112	00,220		_~

⁽¹⁾ Data reported on line 38, column (b) is the amount reported in Sched. 410, column (f), line 203, reduced by the allocable portion of line 216.

⁽²⁾ Data reported on line 39, column (b) is the amount reported in Sched. 410, column (f), line 222, reduced by the allocable portion of line 235.

⁽³⁾ Data reported on line 40, column (b) is the amount reported in Sched. 410, column (f), line 306, reduced by the allocable portion of line 320

415. SUPPORTING SCHEDULE - EQUIPMENT - (Continued)

			Investment base	as of 12/31	Accumulated depreci	ation as of 12/31	ı
Line	Cross	Lease & rentals	Owned	Capitalized	Owned	Capitalized	Lin
No.	Check	(net)	İ	lease		lease .	No
		(f)	(g)	(h)	(i)	U)	_
1]	j	49,394	;	16,663		1
2			2,107,297	1,161,298	888,540	343,770	2
3			67,367	1,101,280	15,362	040,710	<u> </u>
4		283,203	1,207		10,002		
5	-	283,203	2,225,265	1,161,298	920,565	343,770	į
			60		(404)		١.
<u>6</u> 7			68		(161)		<u> </u>
8		45.040	11,212		5,256		H
9		15,919	121,137		19,302		H
10		44,271	94,609 120,095		31,520 55,929		<u> </u>
11		86,431	424,612		158,580		H
12	-	1 24,00	148,891		57,690		1
13		22,826	59,743	·····	20,579		1
14		22,020	21,145		1,178		1
15		11,234	118,746		30,886		1
16		72,998	14,304		7,040		1
17		72,000	11,946	•	4,936		1
18			2,497		463		1
19		15,177	95,160		47,497		1
20		699	14,954	····	7,311		2
21			13,308		12,320		2
22		16,419	61,286		26,602		2
23			11,715		35		2
24	•	285,974	1,345,428		486,963		2
25							2
26		7,816					2
27					-		2
28		12,898	7,707		7,639		2
29							2
30		22,976	7,447		4,999		3
31						•	3
32		43,690	15,154		12,638		3
_33							3
34							3
35	•						3
36	.						3
37			434,038		86,903		- 3
38	•	+	109,684		45,133		۱ij
39	, 		63,501		26,130		H
40	•	384	19,243		7,918		H
41		(62)	347,690	173,864	181,135	57,329	4
42		322	974,156	173,864	347,219	57,329	4
43	-	613,189	4,560,003	1,335,162	1,767,385	401,099	4

⁽¹⁾ Data reported on lines 38, 39, and 40 in columns (g) and (h) are investment recorded in property account 44, allocated to locomotives, freight cars, and other equipment.

⁽²⁾ Depreciation reported on lines 38, 39, and 40 in column (c) is calculated by multiplying the investment in each element by the effective composite rate for property account 44, and then adding or subtracting the adjustment reported in column (e). This calculation should equal the amount shown in column (c), Schedule 335.

—																	 _	_	F	_	l Initia	als			BN	$\overline{}$	Yea
L				<u>8</u>	ģ	L	듸	2	၈	7	က	٥	-	8	<u></u>	5				Ë	<u>ģ</u>	F	⊢		7	5	9
				hased	to others																TOT AL	6.291			6,291	39	6,330
Vone		Aggregate	capacity of units	reported In col (1)	(See Ins. 7)	(FP)	19,863,070		2,273,747	277,300	22,414,117			22,414,117	¥	22,414,117	(2				2008 (£)						
I loite of Close of Veer	nio ar como		Total in	service of	[col (h) & (i)]	_	5,068		1,020	203	6,291			6,291	30	6,330	REBUILDING	ndar Year			2008 ©						
=	,			Leased	others		2,901		217	12	3,130			3,130		3,130	YEAR OF	During Calendar Year			2002						
				Owned	9 E		2,167		8	19	3,161			3,161	36	3,200	GARDING				2008 E	376			376		376
		Units retired from service of respondent	whether owned or	leased,	reclassification (a)		89		æ	S	161			181		191	S IN SERVICE OF RESPONDENT AT CLOSE OF YEAR BUILT, DISREGARDING YEAR OF REBUILDING				2002 (8)	328			328		328
		All other units including reclassification	and second hand units	purchased or leased from	others		204		121	7	332			332		332	LOSE OF YEA		Between Jan 1, 2000	Pue	Dec 31, 2004 (f)	1.018			1,018		1,018
Channes During the Veer	Units Installed	Rebull units	acquired and rebuilt units	into property	accounts (e)		3		3	-	7			7		7	ONDENT AT		Between Jan 1, 1995	and	Dec 31, 1999 (e)	1.673			1,673		1,673
C benned C	L stino		New units	from	others (d)		362				362			382		382	E OF RESPO		Between Jan 1, 1990	and	Dec 31, 1994 (d)	932			832	12	776
į		÷	:	New units	or buff (c)												S IN SERVIC		Between Jan 1, 1985	and	Dec 31, 1989 (c)	355			355	4	359
			Units in service of	respondent at beginning	of year (b)		4,567		658	225	5,751			5,751	30	5,790				Before	Jan 1, 1985 (b)	1.609			1,609	23	1,632
					of units	ts	units	units	units	units	units					<u> </u>	DISTRIBUTION OF LOCOMOTIVE UNIT				of units						S
					Type or design of units (a)	Locomotive Units	Diesel-freight	Diesel-passenger	Diesel-multiple purpose	Diesel-switching	TOTAL (lines 1 to 4)	Electric locomotives	Other self-powered units	TOTAL (lines 5, 6, and 7)	Auxiliary units	(lines 8 and 9)	DISTRIB				Type or design of units (a)	Diesel	Electric	Other self-powered units	TOTAL (lines 11 to 13)	Auxiliary units	TOTAL LOCOMOTIVE UNITS (lines 14 and 15)
L				95	*	+	ă	4	ă	4		┪	ヿ	T	₹ [-		Cross	Check A		ĺ	_		₹	卢루
				Cross	Check	1	J	- 1	- 1	- 1	٠,	٠١	٠١	•	•	٠		1		2	22	١.	١•	•		٠,	•

itials	s BNSF Year 200 를 운		-	6	e	8	7	ន	ន	24	g	8	27	88	ন্ত্ৰ	S	31	32	ಜ	8	æ	
	Leased to others	-+																-				
/ear	Aggregate capacity of units reported in col ()) (See Ins. 7)	(K)	85				N/A	Š	23,760						23,760	N/A	N/A	N/A	ΑN	ş	N/A	
Units at Close of Year	Total in service of respondent (col (h) & (l)]	Э	165				•		165						165	8	92	68	1,072	2.707	3,982	
<u> </u>	Leased from others	ε	391						55				i		165				6		49	
	Owned and used	ε														8	9/	68	1,053	2 707	3,983	
	Units retired from service of respondent whether owned or leased, including reclassification	(B)	4						14						14			5	250	85	283	
	All other units including and second hard units purchased or leased from others	€	<u></u>							-						m	1			62	174	
Changes During the Year Units Installed	Rebult unts acquired and rebult unts rewritten into property accounts	(0)														*			8	•	10	
Changes Du	New units leased from	9																				
	New units purchased or built	(3)																				
	Units in service of respondent at beginning of year	(p)	178						179						179	*	75	28	1,319	2.569	4,091	
	Type or design of units		Passenger-Train Cars Non-Seif-Propelled Coaches (PA, PB, PBO)	Combined cars (All class C. except CSB)	Parlor cars (PBC, PC, PL, PO)	Sleeping cars (PS, PT, PAS, PDS)	Dining, gral, & tavem cars (Ail class D, PD)	Norpassenger carrying cars (All class B. CSB. M. PSA. (A)	TOTAL (Lines 17 to 22)	Self-Propelled Electric passenger cars (FP FT)	Electric combined cars (EC)	Internal combustion rail motorcars (ED, EG)	Other self-propelled cars (Specify types)	TOTAL (Lines 24 to 27)	TOTAL (Lines 23 and 28)	Company Service Cers Business cars (PV)	Board outfit cars (MWX)	Dernok & snow removal cars (MWU, MWV, MWW, MWK)	Dump and ballast cars (MWB, MWD)	Other maintenance and service equipment cars	TOTAL (Lines 30 to 34)	
	Crass	_									L											
	S S	!	4	₽	9	윊	7	ន	ន	24	22	R R	2	28	8	8	3	32	33	क्ष	×	

710. INVENTORY OF EQUIPMENT - Continued

Instructions for reporting freight-train car data.

- Give particulars of each of the various classes of equipment which respondent owned or leased during the year.
- 2. In Column (d) give the number of units purchased or built in company shops. In Column (e) give the number of new units leased from others. The term "new" means a unit placed in service for the first time on any railroad.
- 3. Units leased to others for a period of one year or more are reportable in Column (n). Units temporarily out of respondent's service and rented to others for less than one year are to be included in Column (i). Units rented from others for a period less than one year should not be included in Column (j).

		UNITS OWNED, INCLUDE	D IN INVEST	MENT ACCOU	NT, AND LEA	SED FROM O	THERS		
			Units in servi	ce of respon-		Changes	during the year	r	
)			dent at begi	nning of year		Unit	s installed		<u> </u>
			,				Rebuilt units	All other units,	
1							acquired and	including	
					New units	New or	rebuilt units	reclassification	
1		Class of equipment	Time-		purchased	rebuilt units	rewritten	and second hand	
Line	Cross	and	mileage	Ali	or	leased	ınto	units purchased	Line
No	Check	car designations	cars	Others	built	from others	property	or leased	No.
							accounts	from others	i
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	
\Box		FREIGHT TRAIN CARS				1			
36		Plain box cars - 40'			ł				36
"		(B1, B2)	22		ļ				
H		Plain box cars - 50' and longer				Ì			
37		(B3_0-7, B4_0-7, B5, B6			1				
		B7, B8)	5		l				37
\Box		Equipped box cars	Ť						
38		(All Code A, Except A_5_)	8,658			379	169	1	38
		Plain gondola cars				T	1.20	· · · · · · · · · · · · · · · · · · ·	
39		(All Codes G & J, J_1, J_2,							1
1		J_3, J_4)	6,060		l	1,170	21	864	39
		Equipped gondola cars	1,522						
40		(All Code E)	6.519			200	396		40
		Covered hopper cars	3,0.10						
41		(C_1, C_2, C_3, C_4)	34.631			1.708	383		41
H		Open top hopper cars - general	0.,00.						
42		service (All Code H)	6,537				159		42
一		Open top hopper cars - special	- 5,557						
43		service (JO), and All Code K)	4,436			832			43
H		Refrigerator cars - mechanical							
44		(R_5,_, R_6_, R_7_, R_8_, R_9_)	1,716						44
H		Refrigerator cars - nonmechanical	1,7.10		-			-	
45		(R_0_, R_1_, R_2_)	3,267				131		45
١Ť		Flat cars - TOFC/COFC							<u> </u>
46		(All Code P. Q. & S. Except Q8_)	4,527			1,107		824	46
H		Flat cars - multilevel	1,02.			-7193	,		
47		(All Code V)	. 748				119		47
┍┈┤		Flat cars - general service	7				110		Ë
48		(F10_, F20_, F30_)	147						48
М		Flat cars - other	<u> </u>						
49		(F_1_, F_2_, F_3_, F_4_, F_5_,				l			49
~		F_6_, F_8_, F40_)	3,863			900	129	250	l "
Н	_	Tank cars - under 22,000 gal				 			
50		(T0, T1, T2, T3, T4,		•					50
~		T_5)	131						~
		Tank cars - 22,000 gal. and over				 			
51		(T_6, T_7, T_8, T_9)	291			43			51
H		All other freight cars				 	·	· · · · · · · · · · · · · · · · · ·	
52		(A_5_, F_7_, All Code L & Q8)	66					26	52
53		TOTAL (Lines 36 to 52)	81,624			6.339	1,507	1,965	53
54		Caboose (All Code M-930)	N/A	257		<u> </u>	,,,,,,,,,,	,,550	54
55		TOTAL (Lines 53 and 54)	81,624	257		6,339	1,507	. 1,965	55
-								.,	

710. INVENTORY OF EQUIPMENT - Continued

4. Column (m) should show aggregate capacity for all units reported in Columns (k) and (l), as follows. For freight-train cars, report the nominal capacity (in tons of 2,000 lbs) as provided for in Rule 86 of the AAR Code of Rules Governing Cars in Interchange. Convert the capacity of tank cars to capacity in tons of the commodity which the car is intended to customanly carry.

5. Time-mileage cars refers to freight cars, other than cabooses, owned or held under lease arrangement, whose interline rental is settled on a per clem and line haul mileage basis under "Code of Car Hire Rules" or would be so settled if used by another railroad

		UNITS	OWNED, INCLUDE	D IN INVESTMEN	IT ACCOUNT, AN	D LEASED FROM	OTHERS		
		Changes during year	-		Units at clos			^	
		(concluded)	I			ervice of			Τ_
		Units retired			respo	ondent	Aggregate		
		from service) & (j))	capacity		ĺ
	f I	of respondent			(00, (/ / 	of units		
	1	whether owned	Owned	Leased	Time-		reported in	Leased	
Line	Cross					All		to	Line
		or leased	and	from	mileage		col (k) & (l)		
No	Check	including	used	others	cars	Others	(see ins. 4)	Others	No.
		reclassification			•				1
	<u> </u>	(h)	(1)	(j)	(k)	(1)	(m)	(n)	—
36		4	18		18		1,078		36
			10	. = -		-	1,5.0		
							250		
37		1	4		4		252		37
38		292	5,496	3,419	8,915		779,507		38
									l
39		155	1,972	5,988	7,960		826,547		39
40		4.077	4 405	4.070	0.000		500 000	-	40
40		1,077	4,165	1,873	6,038		590,920	-	 * "
41		3,234	16,181	17,307	33,488		3,502,056		41
42		369	6,183	144	6,327	,	598,689		42
43		318	1,151	3,799	4,950		510,353		43
44		32	798	886	1,684		143,807		44
45		451	2,947		2,947		232,316		45
46		192	122	6,144	6,266		1,490,986		46
47		226	482	159	641		27,624		47
48		5	142		142		10,292		48
49		168	2,611	2,363	4,974		459,585		49
50				_		,		-	50
		11	120		120		9,256		<u> </u>
51		28	263	43	306		28,920		51
52			92		92		6,620		52
53		6,563	42,747	42,125	84,872		9,218,808		53
54		8	249		N/A	249	N/A		54
55	1	6,571	42,996	42,125	84,872	249	9,218,808		55

		UNITS OWNED, INCLU	DED IN INVEST	MENT ACCOU	NT, AND LEA	SED FROM O	THERS		
			Units in serv	ice of respon-		Changes	during the year		
			dent at beg	inning of year		Unite	s installed		.]
							Rebuilt units	All other units,	i
			ľ				acquired and	including	
			1		New units		rebuilt units	reclassification	
		Class of equipment	1		purchased	New units	rewritten	and second hand	
Line	Cross	and	Per	All	or ·	leased	into	units purchased	Line
No	Check	car designations ·	diem	Others	built	from others	property	or leased	No.
				1			accounts	from others	1
		(a)	(b)	, (c)	(d)	(e)	(f)	(g)	
		FLOATING EQUIPMENT							1 /
		Self-propelled vessels							1
56		(tugboats, car ferries, etc.)	N/A						56
		Non-self-propelled vessels							1
57		(car floats, lighters, etc.)	N/A						57
58		TOTAL (Lines 56 and 57)	N/A						58
		HIGHWAY REVENUE							
		EQUIPMENT							1
59		Chassis (Z1_, Z67_, Z68_, Z_69_) ~		12,649	54	3,500			59
60		Dry van (U2_, Z_, Z6_, I-6)		12,328					60
61		Flat bed (U3, Z3)							61
62		Open bed (U4, Z4)							62
63		Mechanical refrigerator (U5_, Z5_)							63
64		Bulk hopper (U0, Z0)							64
65		Insulated (U7, Z7)							65
66		Tank (Z0, U6) (See note)							66
		Other trailer and container							1
67		(Special equipped dry van U9,							67
		_Z8, Z9)					-		
68		Tractor							68
69		Truck							69
70		TOTAL (Lines 59 to 69)		24,977	54	3,500			70

NOTES AND REMARKS

Note: Line 66 (Tank) must have fitting code "CN" to qualify as a tank, otherwise it is a bulk hopper.

710. INVENTORY OF EQUIPMENT - Concluded

			OWNED, INCLUDE	D IN INVESTMENT			OTHERS		
		Changes during year			Units at clos	e of year		• •	
		(concluded)			Total in s	ervice of			
	1	Units retired	ļ	ŀ	respo	ondent	Aggregate		i i
	1	from service	ļ	`	(col (i) & (j))	capacity		1
		of respondent		Г			of units		1
	i	whether owned	Owned	Leased		i	reported in	Leased	í
Line	Cross	or leased	and .	from	Per	All	col (k) & (l)	to	Line
No.	Check	including	used	others	diem	Others	(see ins. 4)	Others	No
		reclassification							1
		(h)	(i)	ω	(k)	(1)	(m)	(n)	
						_		_	1
56		ľ			N/A				56
57					N/A				57
58					N/A				58
]		i	i					1
59		3,354	958	11,891		12,849	740,053		59
60		7,844	775	3,709		4,484	298,665		60
61			•						61
62									62
63									63
64									64
65									65
66									66
67		·					,	-	67
68									68
69									69
70		11,198	1,733	15,600		17,333	1,038,718		70

NOTES AND REMARKS

			755. RAILROAD OPERATING S	TATISTICS		
Line	Cross		Item Description	Freight	Passenger	Line
No.	Check		,	Train	Train	No
			, (a)	(ь)	(c)	
1		1 Miles of Ro	ad Operated (A)	31,910		1
			- Running (B)			Т
2		2-01	Unit Trains	57,198,679	XXXXXX	2
3		2-02	Way Trains	8,099,543	XXXXXXX	3
4		2-03	Through Trains	109,504,498		1 4
5		2-04	TOTAL TRAIN MILES (Lines 2-4)	174,802,720		T
6		2-05	Motorcars (C)			
7		2-07	TOTAL ALL TRAINS (Lines 5 and 6)	174,802,720		
		3 Locomotive	Unit Miles (D)			Т
		Road Servi	ce (E)	i l		1
8		3-01	Unit Trains	166,921,299	XXXXXXX	
9		3-02	Way Trains	16,572,802	XXXXXX	Ţ
10		3-03	Through Trains	372,362,799		
11		3-04	TOTAL (Lines 8-10)	555,856,900		
12		3-11	Train Switching (F)	4,689,213	XXXXXX	1
13		3-21	Yard Switching (G)	13,944,240		1
14		3-31	TOTAL ALL SERVICES (Lines 11-13)	574,490,353		1
		4 Freight Car	-Miles (thousands) (H)			
- 1		4-01	RR Owned and Leased Cars - Loaded			
15		4-010	Box-Plain 40-Foot	4	XXXXXXX	1
16		4-011	Box-Plain 50-Foot and Longer	13,481	XXXXXX	1
17		4-012	Box-Equipped	222,722	XXXXXX	1
18		4-013	Gondola-Plain	284,897	XXXXXXX	1
19		4-014	Gondole-Equipped	104,823	XXXXXXX	1
20		4-015	Hopper-Covered	663,865	XXXXXXX	2
21		4-016	Hopper-Open Top-General Service	76,176	XXXXXXX	2
22		4-017	Hopper-Open Top-Special Service	139,545	XXXXXXX	2
23		4-018	Refrigerator-Mechanical	26,344	XXXXXXX	2
24		4-019	Refrigerator-Non-Mechanical	62,123	XXXXXX	2
25		4-020	Flat-TOFC/COFC	448,952	XXXXXXX	
26		4-021	Flat-Multi-Level	43,001	XXXXXXX	2
27		4-022	Flat-General Service	440	xxxxxx	
28		4-023	Flat-All Other	114,739	XXXXXXX	2
29		4-024	All Other Car Types-Total	3,181	XXXXXXX	2
30		4-025	TOTAL (Lines 15-29)	2,204,293	XXXXXX	3

Road I	nıtıals	BNSF	Year	200

. 1						T 1
Line	Cross		Item Description	Freight	Passenger _	Lin
No	Check			Train	Train	No
-			(a)	(b)	(c)	4
		4-11	RR Owned and Leased Cars - Empty			1 _
31		4-110	Box-Plain 40-Foot	21	XXXXXX	3
32		4-111	Box-Plain 50-Foot and Longer	10,475	XXXXXX	3
33		4-112	Box-Equipped	171,086	XXXXXXX	3
34		4-113	Gondola-Plain	287,735	XXXXXX	3
35		4-114	Gondota-Equipped	91,345	XXXXXXX	3
36		4-115	Hopper-Covered	651,584	XXXXXXX	3
37		4-116	Hopper-Open Top-General Service	81,620	XXXXXX	3
38		4-117	Hopper-Open Top-Special Service	133,154	XXXXXX	3
39		4-118	Refrigerator-Mechanical	20,623	XXXXXX	3
40		4-119	Refrigerator-Non-Mechanical	40,487	XXXXXXX	4
41		4-120	Flat-TOFC/COFC	82,213	XXXXXXX	4
42		4-121	Flat-Multi-Level	11,508	XXXXXXX	4
43		4-122	Flat-General Service	940	XXXXXXX	4
44		4-123	Flat-All Other	111,445	XXXXXXX	4
45		4-124	All Other Car Types-Total	21,210	XXXXXXX	4
46		4-125	TOTAL (Lines 31-45)	1,715,428	XXXXXXX	4
П		4-13	Private Line Cars - Loaded (H)			
47		4-130	Box-Plain 40-Foot		XXXXXXX	4
48		4-131	Box-Plain 50-Foot and Longer	21,213	XXXXXXX	4
49		4-132	Box-Equipped	27,035	XXXXXXX	4
50		4-133	Gondola-Plain	979,794	XXXXXXX	5
51		4-134	Gondola-Equipped	81,852	XXXXXXX	5
52		4-135	Hopper-Covered	369,312	XXXXXXX	5
53		4-136	Норрег-Орел Тор-General Service	83,001	XXXXXXX	5
54		4-137	Hopper-Open Top-Special Service	734,145	XXXXXX	5
55		4-138	Refrigerator-Mechanical	3,849	XXXXXXX	5
56		4-139	Refrigerator-Non-Mechanical	482	XXXXXX	5
57		4-140	Flat-TOFC/COFC	1,072,975	XXXXXX	5
58		4-141	Fiat-Multi-Level	211,901	XXXXXX	5
59		4-142	Flat-General Service	160	XXXXXXX	5
BQ		4-143	Flat-Ali Other	85,714	3000000	1
61		4-144	Tank Under 22,000 Gallons	145,543	XXXXXXX	6
62		4-145	Tank - 22,000 Gallons and Over	271,440	XXXXXXX	T 6
63	- 	4-148	All Other Car Types-Total	28,970	XXXXXXX	6
64		4-147	TOTAL (Lines 47-63)	4,137,386	XXXXXXX	┪,

755. RAILROAD OPERATING STATISTICS - (Continued)

Line	Cross		Item Description	Freight	Passenger	Line
No.	Check			Train	Train	No
			(a)	(b)	(c)	
		4-15	Private Line Cers - Empty (H)			
85		4-150	Box-Plain 40-Foot .		XXXXXXX	65
66		4-151	Box-Plain 50-Foot and Longer	6,790	XXXXXX	66
67		4-152	Box-Equipped	13,569	XXXXXX	67
68	L	4-153	Gondola-Plain	990,685	XXXXXX	68
69		4-154	Gondola-Equipped	86,700	XXXXXX	69
70		4-155	Hopper-Covered	384,840	XXXXXXX	70
71		4-158	Hopper-Open Top-General Service	81,807	XXXXXX	71
72	•	4-157	Hopper-Open Top-Special Service	749,169	XXXXXX	72
73		4-158	Refrigerator-Mechanical	4,181	XXXXXXX	73
74		4-159	Refrigerator-Non-Mechanical	550	XXXXXX	74
75		4-160	Flat-TOFC/COFC	178,474	XXXXXXX	75
76		4-161	Flat-Multr-Level	51,622	XXXXXX	76
77		4-162	Flat-General Service	289	XXXXXXX	77
78		4-163	Flat-All Other	75,061	XXXXXX	78
79		4-164	Tank Under 22,000 Gallons	147,044	XXXXXX	79
80		'4-165	Tank - 22,000 Gailons and Over	284,844	XXXXXX	80
81		4-166	All Other Car Types-Total	14,053	XXXXXX	81
82		4-167	TOTAL (Lines 65-81)	3,069,678	XXXXXX	82
83		4-17	Work Equipment and Company Freight Car-Miles	59,568	XXXXXX	83
84		4-18	No Payment Car-Miles (I) <1>		XXXXXX	84
		4-19	Total Car-Miles by Train Type (Note)			
85	L	4-191	Unit Trains	5,936,477	XXXXXX	85
88		4-192	Way Trains	204,548	XXXXXX	88
87		4-193	Through Trains	5,045,326	XXXXXX	87
88		4-194	TOTAL (Lines 85-87)	11,186,351	XXXXXX	88
89		4-20	Caboose Miles	128	XXXXXX	89

	<1>	Total number of loaded miles	and empty miles	by roadrailer reported above
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Note Line 88, total car miles, is equal to the sum of lines 30, 46, 64, 82, 83, and 84 Accordingly, the car miles reported on lines 83 and 84 are to be allocated to lines 85, 88, and 87, and included in the total shown on line 88

rwau iiliuais dinor tuar zul	Road Initials	BNSF	Year	2006
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Line	Cross		Item Description	Freight	Passenger	Lin
No	Check		item Description	Train	Train	No
``*	0		(a)	(b)	(c)	'"
\neg		6 Gross To	n-Miles (thousands) (K)			1
98		6-01	Road Locomotives	103,828,631		1
	$\neg \uparrow$	6-02	Freight Trains, Crs , Cnts, & Caboose			1
99	1	6-020	Unit Trains	520,706,494	, 200000X	-
100		6-021	Way Trains	15,878,055	XXXXXX	丁
101		6-022	Through Trains	583,343,613	XXXXXX	╗
102		6-03	Passenger Trains, Crs, & Cnts			
103		6-04	Non-Revenue	3,883,333	XXXXXX	1
104		6-05	TOTAL (Lines 98 - 103)	1,227,640,126		Т
T		7 Tons of F	eight (thousands)			Т
105		7-01	Revenue	651,930	XXXXXX	
106		7-02	Non-Revenue	6,937	XXXXXXX	
107		7-03	TOTAL (Lines 105 and 106)	658,867	XXXXXXX	
		8 Ton-Miles	of Freight (thousands) (L)			
108	1	8-01	Revenue - Road Service	640,194,796	XXXXXXX	
109		8-02	Revenue - Lake Transfer Service		XXXXXXX	Т
110		8-03	TOTAL (Lines 108 and 109)	640,194,796	XXXXXXX	
111		8-04	Non-Revenue - Road Service	2,219,865	XXXXXX	Т
112		8-05	Non-Revenue - Lake Transfer Service		XXXXXX	Т
113		8-06	TOTAL (Lines 111 and 112)	2,219,865	XXXXXX	П
114		8-07	TOTAL - REVENUE & NON-REVENUE (Lines 110 and 113)	642,414,661	XXXXXX	
\neg		9 Train Hou				Т
115		9-01	Road Service	10,230,976	XXXXXX	
116		9-0	Train Switching	302,352	XXXXXXX	
117		10 TOTAL Y	ARD-SWITCHING HOURS (N)	2,403,392	XXXXXX	
		11 Train-Mile	s Work Trains (O)			
118		11-01	Locomotives	2,066,741	XXXXXX	┸
119		11-02	Motorcars		XXXXXXX	
		12 Number o	Loaded Freight Cars (P)			ı
120		12-01	Unit Trains	4,316,874	XXXXXX	4
121		12-02	Way Trains	2,901,735	XXXXXXX	_
122		12-03	Through Trains	6,281,550	XXXXXX	┵
123			FC- No of Revenue Trailers & Containers Loaded and Unloaded (Q)	8,722,856	xxxxxxx	4
124			I Cars - No of Motor Vehicles Loaded & Unloaded (Q)	2,176,486	XXXXXX	4
125		15 TOFC/CO	FC - No. of Revenue Trailers Picked Up & Delivered (R)	326,958	XXXXXXX	4
- [Tons Marine Terminal (S)			1
126		16-01	Marine Terminals - Coal		XXXXXX	4
127		16-02	Marine Terminals - Ore	11,479,832	XXXXXXX	4
128		16-03	Marine Terminals - Other		XXXXXXX	┿
129		16-04	TOTAL (Lines 128 - 128)	11,479,832	XXXXXXX	+
			f Foreign Per-Diem Cars on Line (T)			1
130		17-01	Serviceable	16,330	XXXXX	+
131	\longrightarrow	17-02	Unserviceable	134	XXXXXX	+
132		17-03	Surplus	181	XXXXXX	+
133		17-04	TOTAL (Lines 130 - 132)	16,645	XXXXXXX	

BNSF 6003 Rail Miles Inquiry
Search Date - Nov 10 , 2010 | Effective Date - Nov 10 , 2010

Origin			Destination				
City	State	SPLC	City	State	SPLC	Rail Miles	
BISBEE: "Called	ND ND	512165	AURORA 1	NE :	554940	798	
BISBEE	ND	512165	CHICAGO	IL	380000	886	
BISBEE# AMOUNT . TOWN	ND ND	512165	DALL'AS AND AND AND AND AND AND AND AND AND AND	JX: XI	667300	建大型规则 1482	
BISBEE	ND	512165	DULUTH	MN	500900	434	
BISBEE · · · · · · · · · · · · · · · · · ·	ND.	4 5121 <u>6</u> 5	EMERSON () () () () () () () () () (MB COM		259	
BISBEE	ND_	512165	FIR	WA	844398	1377	
		§ 512165	FT.WORTH 编。		建 氯 . 668200		
BISBEE	ND		GIBBON	WA	848153	1233	
	MICH ND STATE	512165	GRAND/FORKS: (************************************			: 31444 3136	
BISBEE	ND		GUERNSEY	WY	728119	971	
BISBEE、:記念学		※ 51216 5	HINCKLEY SI SI	MN (\$\$\$p)	501868	1 11000111117-10	
BISBEE	ND		HOUSTON	TX	684800	1706	
BISBEE	7, 474		IRONDALE TO THE TOTAL TOTAL	740,740	7,44184	· 美国的经验的1189	
BISBEE	ND		KANSAS CITY	МО	566900	897	
BISBEESS AND AND AND AND AND AND AND AND AND AND		97,	KINGS PARK	CA 🛂		考虑 2145	
BISBEE	ND		MEMPHIS	TN	439900	1368	
BISBEE	9 - 5-13 1A 1 1 1-10-10-11 W		MINNEAPOLIS TO THE PROPERTY OF	2 C V-(AMAC 780)		William Willia	
BISBEE	ND		NORTH ST LOUIS	MO	567507	1057	
BISBEE AND AND AND AND AND AND AND AND AND AND						1244	
BISBEE	ND		PERRIS	CA	886571	2464	
BISBEE"	, , , w		PORTLAND				
BISBEE	ND		RIVER GATE	OR	853474	1428	
BISBEE	³ ND	2200	73% 11193	ND . 🕬	512334		
BISBEE	ND		SAGINAW	TX	668141	1450	
	PROPERTY OF THE PROPERTY OF TH		SAN:DIEGO心。 这种	CA	889000	O + WOMEN 1/4 1/40	
BISBEE	ND	+	SEATTLE	WA	845200	1378	
BISBEE		Rate Market and the second	ST JOSEPHI I	MO . X	1566330		
BISBEE	ND		STOCKTON	CA	875640	1991	
	ND ND		SUPERIOR COMPANY		323130		
BISBEE	ND_		SWEET GRASS	MT	703323	687	
BISBEE			TACOMA THE PROPERTY OF THE PARTY		44.3		
BISBEE	ND		VANCOUVER	WA	849990	1422	
	AND NOTE NO		WEST FARGO		514753		
BISBEE	ND		WINONA	MN	507324	618	
CHURCHS FERRY			ROLLA			47	
MINOT	ND	513670	ROLLA	ND	512334	141	

Table 1.1.9. Implicit Price Deflators for Gross Domestic Product [Index numbers, 2005=100]
Annual data from 1969 To 2009
Bureau of Economic Analysis
Data published October 29, 2010 File created 10/28/2010 9:26:57 AM

Line			2006	2007	2008
1	Gross domestic product	A191RD3	103.257	106.296	108.619
2	Personal consumption expenditures	DPCERD3	102.746	105.564	109.061
3	Goods	DGDSRD3	101.508	102.946	106.263
4	Durable goods	DDURRD3	98.488	96.736	95.340
5	Nondurable goods	DNDGRD3	103.215	106.487	112.484
6	Services	DSERRD3	103.411	106.973	110.566
7	Gross private domestic investment	A006RD3	104.339	106.183	107.122
8	Fixed investment	A007RD3	104.418	106.256	
9	Nonresidential	A008RD3	103.534	105.505	106.984
10	Structures :	A009RD3	112.922	119.780	125.460
11	Equipment and software	A010RD3	100.194	100.326	100.083
12	Residential	A011RD3	106.081	107.613	106.361
13	Change in private inventories	ZZZZZ 3			
14	Net exports of goods and services	ZZZZZZ 3		*****	
15	Exports	A020RD3	103.447	106.903	111.875
16	Goods ,	A253RD3	103.328	106.796	111.970
17	Services	A646RD3	103.719	107.146	111.643
18	Imports	A021RD3	104.144	107.531	118.685
19	Goods	A255RD3	104.207	107.489	119.603
20	Services	A656RD3	103.806	107.750	
21	Government consumption expenditures and gross in		104.842	109.863	115.008
22	Federal	A823RD3	104.107	107.753	111.119
23	National defense	A824RD3	104.421	108.249	
24	Nondefense	A825RD3	103.468	106.743	109.077
25	State and local	A829RD3	105.276	111.112	117.348
	Addendum:				
26	Gross national product	A001RD3	103.260	106.300	108.626

2009
109.615
109.258
103.634
93.782
109.262
112.233
104.848
105.260
105.700
122.187
99.620
102.737
......
105.877
104.403
109.171
105.987
104.908
110.711
114.644
110.895
111.342
109.984
116.892

Table 1.1.9. Implicit Price Deflators for Gross Domestic Product [Index numbers, 2005=100]; Seasonally adjusted Quarterly data from 1969 To 2010 Bureau of Economic Analysis Data published October 29, 2010 File created 10/28/2010 9:27:00 AM

Line			2010	2010
			1	2
1	Gross domestic product	A191RD3	1091952	1510XEE
2	Personal consumption expenditures	DPCERD3	110.899	110.886
3	Goods	DGDSRD3	105.777	104.805
4	Durable goods	DDURRD3	93.133	92.767
5	Nondurable goods	DNDGRD3	112.942	111.632
6	Services	DSERRD3	113.621	114.117
7	Gross private domestic investment	A006RD3	102.929	102.807
8	Fixed investment	A007RD3	103.637	103.463
9	Nonresidential	A008RD3	103.611	103.608
10	Structures	A009RD3	119.055	119.650
11	Equipment and software	A010RD3	97.961	97.770
12	Residential	A011RD3	102.874	102.035
13	Change in private inventories	ZZZZZZ 3		
14	Net exports of goods and services	ZZZZZZ 3		*****
15	Exports	A020RD3	108.745	110.033
16	Goods	A253RD3	107.531	108.930
17	Services	A646RD3	111.438	112.467
18	Imports	A021RD3	114.468	112.189
19	Goods	A255RD3	114.432	111.588
20	Services	A656RD3	114.362	114.824
21	Government consumption expenditures and gross inve	A822RD3	116.358	116.607
22	Federal	A823RD3	112.376	112.616
23	National defense	A824RD3	113.051	113.381
24	Nondefense	A825RD3	110.995	111.050
25	State and local	A829RD3	118.762	119.016
	Addendum:		7.74	
26	Gross national product	A001RD3	109.950	110.479

. 2

2010 3 111.163 105.056 92.246 112.319 114.409 102.710 103.515 103.702 120.427 97.657 101.912 110.153 109.063 112.558 109.892 108.970 114.164 116.734 112.719 113.494 111.135

119.160

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